



BCS

BASPAR CHEMI SEPIDAN



Where science meets innovation

Compound 2023



Where _____ Science Meets **Innovation**





“Where science meets innovation”

Baspar Chemi Sepidan Holding, with the trademark BCSTM, is a knowledge-based startup laboratory focused on developing an innovation ecosystem. The Holding was founded with four main centers: business development and organizational innovation, research and innovation, production sites, and Sales & commercialization offices. Its result is the production and supply of advanced industrial and engineering polymers. It started its activities in 2011 by supplying various polymers for use in different industries such as home appliances, automotive, electrical, construction, etc. Gradually, with the establishment of commercialization offices and market research in different countries such as Germany, Turkey, China, the United Arab Emirates, Taiwan, India, Serbia, Vietnam, Malaysia, South Korea, and Italy, it has succeeded in achieving a leading position in the supply, production, and innovation of polymer products in the country's industry.

One of BCS's goals is to expand the value chain by converting raw polymer materials and additives into high-value specialized raw materials. Over the past decade, it has successfully launched several production units for compounds, masterbatches, and rubber compounds. With an emphasis on continuous improvement of product quality and the expansion of knowledge-based activities, BCS equipped and operated a specialized polymer materials laboratory and a research and development (R&D) unit in 2015 and 2016. In 2021, the integration and development of these organizational units led to the establishment of a research and innovation center located at Isfahan University of Technology. All these effective processes have transformed BCS into a leading and technologically advanced knowledge-based production entity with a capacity of over 75,000 tons per year, supplying raw materials and additives for industries such as household appliances, automotive, textiles, construction, agriculture, film and packaging, electronics, rubber, and chemicals in the region.

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2017

- ▶ Localization of technical know-how for the production of PP-based compounds obtained from South Korea;
- ▶ Localization of technical know-how for the production of the PA-based compounds obtained from the Netherlands;
- ▶ Production of compound and masterbatch for use in household appliances, Automotive, films, packaging, and electrical industries;

2016

- ▶ Establishment of Research and Development (R&D) Unit in Isfahan Technology University;
- ▶ Policy making and design of development projects at production and R&D scales;

2014-2015

- ▶ Equipping and establishing a specialized laboratory for polymers;
- ▶ Supplying various additives for plastic industries, PVC, dyes, and resins;
- ▶ Start of the operations of Baspar Chemi Sepidan factory, First unit, with the production capacity of 30000Tons;

2013

- ▶ Development of sales capillary networks and market development;
- ▶ Design and construction of First Compound & Masterbatch unit;

2012

- ▶ Establishment of foreign offices in Germany, South Korea, Turkey, China, India, etc;
- ▶ Establishment of logistical and warehouse infrastructures in Tehran;

2011

- ▶ Establishment of Baspar Chemi Sepidan Holding;
- ▶ Supplying various polymers for different industries;

2018-2019

- ▶ Improvement of technical capabilities and registration of products (compound and masterbatch) as knowledge-based products;
- ▶ Design and construction of Second Compound & Masterbatch unit;
- ▶ Development of organizational, marketing, CRM, financial and logistical systems;

2020

- ▶ Start of the operations of Baspar Rubber Sepidan factory, Second unit, with the production capacity of 2000 Tons;
- ▶ Design, and construction of Third Compound & Masterbatch unit;
- ▶ Establishment of sales offices in Isfahan and Mashhad regions;
- ▶ Development of logistical and warehouse infrastructures
- ▶ Creation and implementation of a -5year strategic plan;

2021

- ▶ Start of the operations of Sepid Chemi Parto factory, Third unit, with the production capacity of 45000 Tons;
- ▶ Establishment of Compound & Masterbatch Research and Innovation Center;
- ▶ Equipping the prototyping workshop in industrial dimensions.
- ▶ Increasing the production capacity of Rubber Compound;
- ▶ Development and implementation of branding and communication roadmap;

2022

- ▶ Start of the operations of Research and Innovation Center;
- ▶ Exploiting the development plan of Baspar Rubber Sepidan and Sepid Chemi Parto factories;
- ▶ Establishment of coworking & workspace;
- ▶ Become a member of the Asian Science Park association (ASPA)

2023

- ▶ Design and construction of Forth Compound & Masterbatch unit;
- ▶ Establishment of Start-up laboratory
- ▶ Developing of Export roadmap

Achievements and Honors

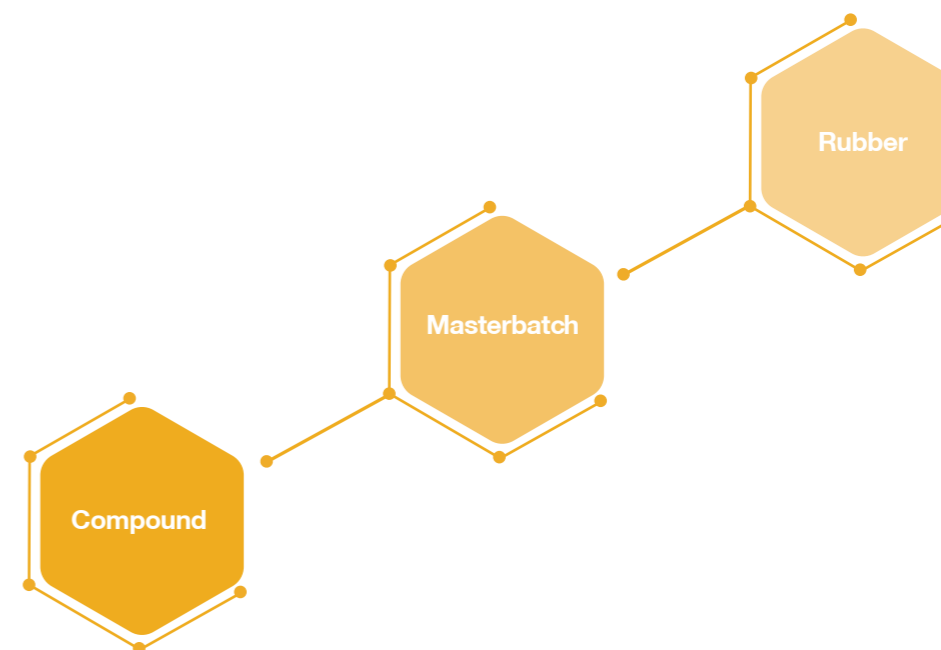
- ▶ Holder of knowledge-based company certificate
- ▶ **Achieving the top position and Excellence Prize of the Asia Science and Technology Parks Association (ASPA)**
- ▶ Receiving the top rank of industry, mining and trade of Isfahan province
- ▶ Obtaining the tile of job creating unit in polymer industry from the provinces polymer industry association
- ▶ Registration of 40 knowledge-based products
- ▶ Achieving more than 150 active grades development in our R&I center.
- ▶ Recieved ISO certificates:
 [ISO 2015-9001(IQNET)
 ISO 2018-10004(QM)
 [ISO 2018-10002(QM)
 ISO 2015-9001(CSQ)
- ▶ Received the title of the best research and development company among technological companies among technological companies in ISTT.
- ▶ Obtaining Food grade licence for products issued by medical treatment and education, Ministry of Health and Isfahan University of Medical Sciences
- ▶ Member of the Board of Directors of the National Association of Compound and Masterbatch
- ▶ Member of the Association of Knowledge-Based Companies of Istahan Province
- ▶ Member of Agricultural Engineering and Natural Resources Organization of Isfahan province
- ▶ Member of Plastic and Polymer Industry Association of Isfahan province
- ▶ Member of Research and Technology Network of Isfahan province
- ▶ Member of Tehran and Isfahan Chamber of Commerce

WINNER

Achieving the top position and Excellence Prize of the Asia Science and Technology Parks Association (ASPA)



Core production of Baspar Chemi Sepidan Holding

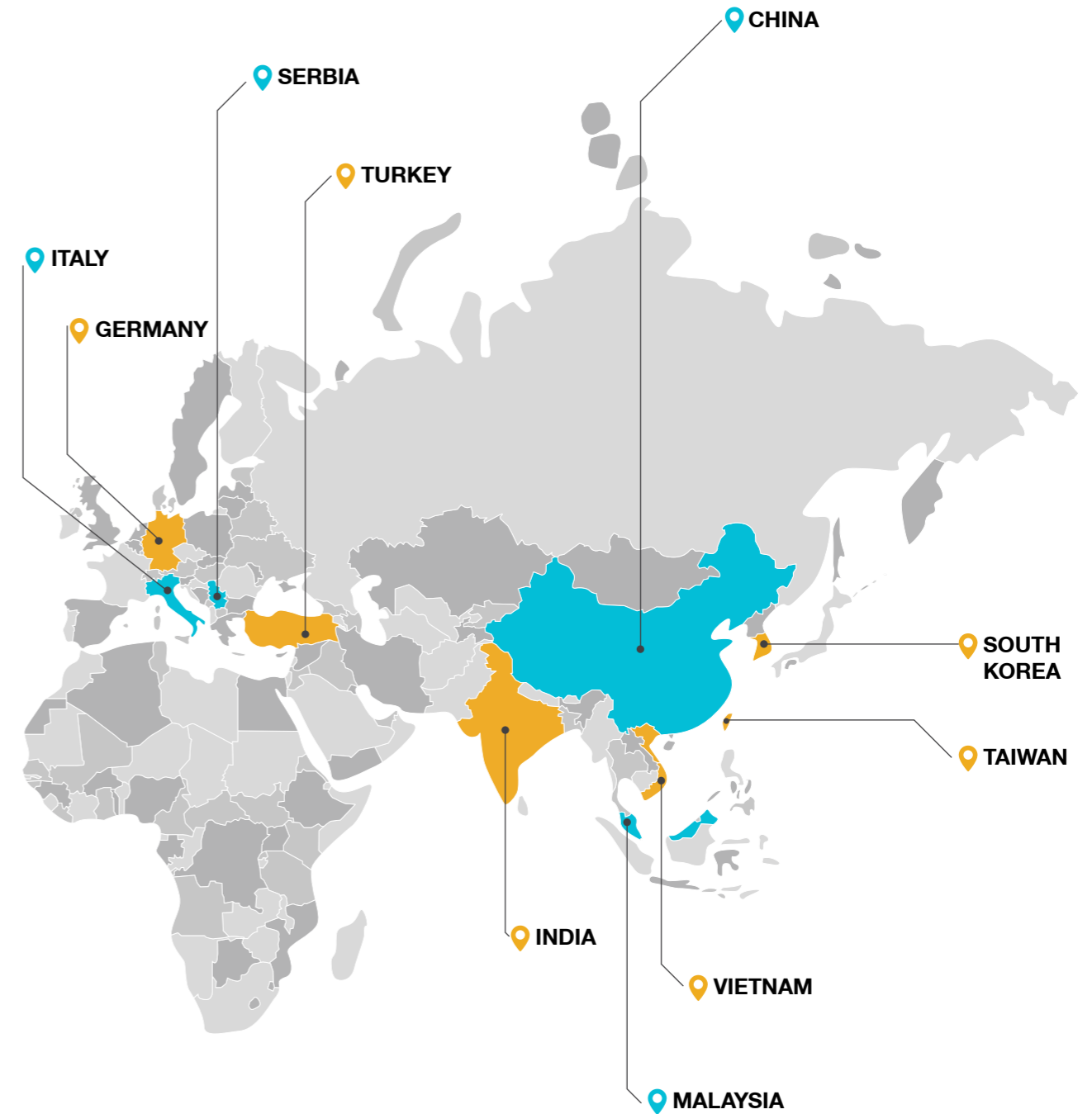


Division	Product
Compound	PE, PP, ABS, SAN, PC, MABS, PMMA, PA
Masterbatch	COLOR, WHITE, BLACK, ADDETIVE
Rubber	NBR, IIR, EPDM, SI, NBR-SBR, CR, CSM

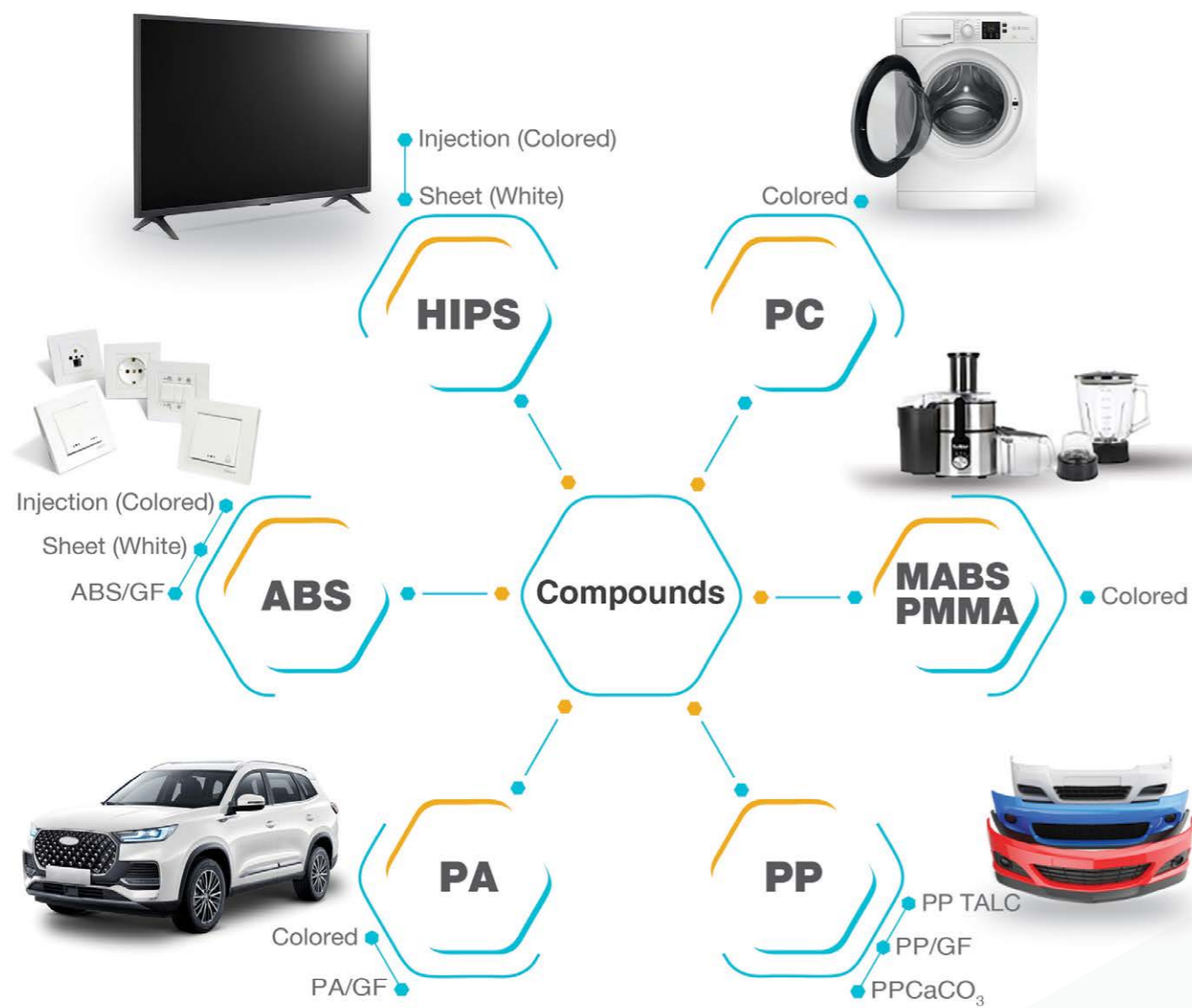
Offices & Production sites



International offices



Schematic Diagram of BCS Compound



Schematic Diagram of BCS Compound



Automotive products...



Interior

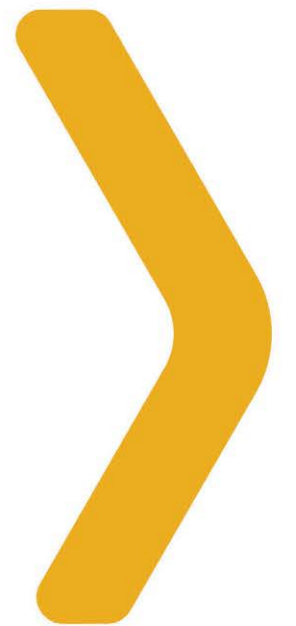
PP Compounds
ABS Compounds
TPE/TPV Compounds

Exterior

PP Compounds
ABS Compounds
PC/ABS Alloy
PMMA Compounds

Engine Room

PP Compounds
PA Compounds



Interior...

PP Compounds

Characteristics

- Anti scratch (PSA D45-5525, $\Delta L < 1.5$)
- High Impact
- Good Processability
- low Gloss
- High Heat resistant

Applications

- Dashboard
- Door Trim
- Seats Trim
- Console

• **Door Trim**
C088186
C088129

• **Dashboard**
C088137
C087514

• **Console**
C087513

• **Seats Trim**
C081106



ABS Compounds

Characteristics

- High gloss
- High Rigidity
- Good processability

Applications

- Instrument cluster frame



• **Instrument cluster frame**
C031010

TPE/TPV Compounds

Characteristics

- UV and ozone resistance
- Recyclable
- Low compression set
- Weathering resistance
- Wide hardness range
- Easy processing with shorter cycle time

Applications

- Door seal



• **Door seal**
AL81170
AL81185

TPE/TPV COMPOUNDS Technical specification table

Properties	Description	Color	Compression Set (72hr, 70°C)	Tensile Strength	Tensile Strain at Break	Hardness	Processing Technology
Test Method	-	Visual	ASTM D395	ISO 37	ISO 37	ASTM D2240	-
Unit	-	-	%	MPa	%	Shore A	-
TPE/TPV Compounds							
AL81170	TPV	Gray	33	8.5	280	72	Extrusion
AL81185	TPV	Gray	30	8	290	84	Injection

INTERIOR Technical specification table

Properties	Description	Color	MFI	Tensile Strength	Tensile Strain at Break	Izod Impact Strength	Processing Technology
Test Method	-	Visual	ASTM D 1238-10	ASTM D 638	ASTM D 638	ASTM D 256	-
Unit	-	-	g/10 min	MPa	%	J/m	-
PP Compounds							
C087513	PP+25% Talc	Beige	23	24	8	55	Injection
C087514	PP+25% Talc	Beige	11	19	44	120	Injection
C088186	PP+20% Talc	Black	12	25	50	75	Injection
C088129	PP+20% Talc	Dark Gray	15	25	80	135	Injection
C088137	PP+20% Talc	Gray	12	18	25	100	Injection
C081106	Colored PP	Gray	9	21	260	192	Injection
ABS Compounds							
C031010	Colored ABS	High Glossy Black	18	44	7	180	Injection

Exterior...

PP Compounds

Characteristics

- Light weight
- Excellent impact/stiffness balance
- High dimensional stability
- Excellent paint adhesion

Applications

- **Bumper**
C080102

- bumper



ABS Compounds

Characteristics

- High Flow
- Gloss retention
- Low outgassing for hot-stamping
- Metal plating
- UV resistance

Applications

- Grille

• Grille C031011



PC/ABS Alloy

Characteristics

- High Gloss
- High Impact
- High Heat resistant

Applications

- Side Mirror housing

• Side Mirror housing AL21002 AL21004



PMMA Compounds

Characteristics

- Clear transparency
- Color Stability
- UV resistance

Applications

- Rear lamp

• Rear lamp C0103200



EXTERIOR Technical specification table

Properties	Description	Color	MFI	Tensile Strength	Tensile Strain at Break	Izod Impact Strength	Processing Technology
Test Method	-	Visual	ASTM D 1238-10	ASTM D 638	ASTM D 638	ASTM D 256	-
Unit	-	-	g/10 min	MPa	%	J/m	-
PP Compounds							
CO80102	High Impact PP	Natural	11	21	400	500	Injection
ABS Compounds							
CO31011	Colored ABS	Glossy Black	20	39	12	205	Injection
PC/ABS Alloy							
AL21002	Colored Alloy	Black	38	52	40	330	Injection
AL21004	Colored Alloy	Black	18	50	44	550	Injection
PMMA Compounds							
CO103200	Colored PPMA	Red	3.2	68	13	18	Injection

Engine Room

PP Compounds

Characteristics

- High stiffness
- Good thermal resistance
- Good mechanical properties

Applications

- Air filter housing



PA Compounds

Characteristics

- High Heat Resistant
- High mechanical Properties
- High Processability
- Chemical resistance

Applications

- Cylinder Head Cover

• Cylinder Head Cover

- CO58211
- CO58218
- CO28220



ENGINE ROOM Technical specification table

Properties	Description	Color	MFI	Tensile Strength	Tensile Strain at Break	Izod Impact Strength	Processing Technology
Test Method	-	Visual	ASTM D 1238-10	ASTM D 638	ASTM D 638	ASTM D 256	-
Unit	-	-	g/10 min	MPa	%	J/m	-
PP Compounds							
CO88502	PP+30%(GF+Talc)	Natural	9	47	10	80	Injection
PA Compounds							
CO58211	PA6+35%GF	Black	-	125	9	73	Injection
CO58218	PA6+35%GF	Black	-	150	10	130	Injection
CO58220	PA6+35%GF	Black	-	100	15	100	Injection

Home Appliances products...

Refrigerator

PP Compounds
ABS Compounds
HIPS Compounds
MABS Compounds
TPE Compounds
PC Compounds

Washing Machine

PP Compounds
ABS Compounds
PC Compounds
MABS Compounds
TPV Compounds

Television

HIPS Compounds
ABS Compounds
PC/ABS Alloy

Vacuum Cleaner

PP Compounds
ABS Compounds
PP Compounds



Refrigerator...

PP Compounds

Characteristics

- Dimensional Stability
- High Surface Quality
- Flowability

Applications

- Inner Injection Component
- Drawer

ABS Compounds

• INJECTION

Characteristics

- Black/White/Gray
- Good Processability
- Impact strength
- Gloss surface
- $\Delta E < 0.5$

Applications

- Frame
- Door handle
- Drawer

- Injection
- Extrusion
- Reinforced
- Flame Retardant

CO30151
CO30151-F
CO30130-M
CO31011
CO31010
CO31100

• EXTRUSION

Characteristics

- Weatherability
- Gloss surface
- Chemical & Crack resistance

Applications

- Refrigerators Inner sheet/ Profile

CO30733
CO30620-K
CO31121

• REINFORCED

Characteristics

- High mechanical properties
- Heat resistance

Applications

- Blower Fan

CO38200

• FLAME RETARDANT

Characteristics

- Heat resistance
- UL94 standard levels V0, V1, V2
- Good mechanical properties

Applications

- Electrical Components

CO39350

HIPS Compounds

- Injection
- Extrusion

• INJECTION

Characteristics

- Impact Strength
- High Flowability

Applications

- Inner Injection Component
- Drawer

CO88079
CO88087

• EXTRUSION

Characteristics

- Soft touch
- Weatherability
- Crack resistance

Applications

- Refrigerators Inner sheet

CO60112
CO60442

CO60115



MABS Compounds

• Metallic MABS

Characteristics

- highly reflective colorants
- Cost effective replacement for painted, plated or metal parts.

Applications

- Glass shelf frame



TPE Compounds

Characteristics

- No vulcanization required
- Good heat resistance
- Excellent stiffness
- Easy to color
- Easy to process

Applications

- Door seals
- Water Drain valve seal
- Ice tray



PC Compounds

Characteristics

- Clear transparency
- Impact Strength

Applications

- LED Cover



REFRIGERATOR Technical specification table

Properties	Description	Color	MFI	Tensile Strength	Tensile Strain at Break	Izod Impact Strength	Processing Technology
Test Method	-	Visual	ASTM D 1238-10	ASTM D 638	ASTM D 638	ASTM D 256	-
Unit	-	-	g/10 min	MPa	%	J/m	-
PP Compounds							
CO88079	PP+25% CaCO3	White	20	20	70	75	Injection
CO88087	PP+10% CaCO3	White	25	21	100	105	Injection
HIPS Compounds							
CO60112	Colored HIPS	White	5	19	55	100	Injection
CO60442	Colored HIPS	White	5	20	60	90	Injection
CO60115	Colored HIPS	White	5	18	35	85	Extrusion
ABS Compounds							
CO30151-F	Food Contact Colored ABS	White	28	40	14	200	Injection
CO30151	Colored ABS	White	33	40	13	210	Injection
CO30130-M	Colored ABS	White	25	39	15	215	Injection
CO31011	Colored ABS	Glossy Black	20	39	12	205	Injection
CO31010	Colored ABS	High Gloss Black	20	39	12	205	Injection
CO31100	Colored ABS	Gray	20	40	11	215	Injection
CO30733	Colored ABS	Bluish White	4	42	15	280	Extrusion
CO30620-K	Colored ABS	White	4	43	12	320	Extrusion
CO31121	Colored ABS	Gray	4	40	18	240	Extrusion
CO38200	ABS+20% GF	Natural	2.5	65	10	55	Injection
CO39350	Flame Retardant ABS	Natural	28	40	10	77	Injection

REFRIGERATOR Technical specification table

Properties	Description	Color	MFI	Tensile Strength	Tensile Strain at Break	Izod Impact Strength	Processing Technology
Test Method	-	Visual	ASTM D 1238-10	ASTM D 638	ASTM D 638	ASTM D 256	-
Unit	-	-	g/10 min	MPa	%	J/m	-
MABS Compounds							
CO120002	Metallic Effect	Pearl white	17	41	12	65	Injection
CO121200	Metallic Effect	Silver	25	40	10	79	Injection
CO127102	Metallic Effect	Bronze	18	41	27	106	Injection
PC Compounds							
CO41302	Colored PC	Smoky	9	62	103	690	Injection

TPE COMPOUNDS Technical specification table

Properties	Description	Color	MFI (230°C, 2.16kg)	Tensile Strength	Tensile Strain at Break	Hardness	Processing Technology
Test Method	-	Visual	ASTM D 1238-10	ISO 37	ISO 37	ASTM D2240	-
Unit	-	-	g/10 min	MPa	%	Shore A	-
TPE Compounds							
AL21170	TPE-S	Gray	9	6.5	350	72	Injection
AL21171	TPE-O	Gray	8	7.2	320	72	Injection

Washing Machine...

PP Compounds

Characteristics

- High mechanical properties
- Processability

Applications

- Detergent Dispenser
- Door frame
- Tub

CO88112
CO88300
CO88312
CO88244
CO88210

ABS Compounds

Characteristics

- High Gloss
- Weatherability
- Impact Strength
- Color stability

Applications

- Control Panel
- Window Frame

CO30720
CO31121
CO31205



PC Compounds

Characteristics

- High mechanical properties
- Heat resistance

Applications

- Door window
- LED Cover



MABS Compounds

Characteristics

- Processability
- Color Stability
- Clear transparency

Applications

- Door window



TPV Compounds

Characteristics

- UV and ozone resistance
- Recyclable
- Low compression set
- Weathering resistance
- Wide hardness range
- Easy processing with shorter cycle time

Applications

- Door Seal
- Anti-vibration feet



TPV COMPOUNDS Technical specification table

Properties	Description	Color	Compression Set (72hr, 70°C)	Tensile Strength	Tensile Strain at Break	Hardness	Processing Technology
Test Method	-	Visual	ASTM D395	ISO 37	ISO 37	ASTM D2240	-
Unit	-	-	%	MPa	%	Shore A	-
TPV Compounds							
AL81170	TPV	Gray	33	8.5	280	72	Injection
AL81185	TPV	Gray	30	8	290	84	Injection

WASHING MACHINE Technical specification table

Properties	Description	Color	MFI	Tensile Strength	Tensile Strain at Break	Izod Impact Strength	Processing Technology
Test Method	-	Visual	ASTM D 1238-10	ASTM D 638	ASTM D 638	ASTM D 256	-
Unit	-	-	g/10 min	MPa	%	J/m	-
PP Compounds							
CO88112	PP+20% Talc	Natural	10	27	20	50	Injection
CO88300	PP+32% (GF+CaCO3)	Natural	6	60	5	80	Injection
CO88312	PP+30% (GF+CaCO3)	Natural	8	55	8	65	Injection
CO88244	PP + 30% GF	Natural	7	77	9	86	Injection
CO88210	PP + 30% GF	Gray	6.5	77	5	95	Injection
ABS Compounds							
CO30720	Colored ABS	White	20	44	12	210	Injection
CO31121	Colored ABS	Gray	4	40	18	240	Extrusion
CO31205	Colored ABS	Gray	20	42	12	200	Injection
PC Compounds							
CO42101	Colored PC	Blue	10	59	100	680	Injection
MABS Compounds							
CO121300	Colored MABS	Smoky	16	43	28	75	Injection



Television...

HIPS Compounds

Characteristics

- High Flowability
- Processability

Applications

- Rear Cover



ABS Compounds

Characteristics

- Gloss Surface
- High mechanical properties

Applications

- TV Frame



PC/ABS Alloy

Characteristics

- High Gloss
- High flowability
- High Impact

Applications

- Stand Base



Vacuum Cleaner...

PP Compounds

Characteristics

- Anti scratch
- High stiffness
- Good mechanical properties

Applications

- Floor nozzle



PC Compounds

Characteristics

- Maximize IR Wavelength transmission
- Balance of toughness & mechanical properties

Applications

- IR PC

- Plug-in button



ABS Compounds

Characteristics

- Gloss Surface
- High Quality surface
- Good mechanical properties
- Processability
- $\Delta E < 0.5$

Applications

- External housing
- Stick & Joint



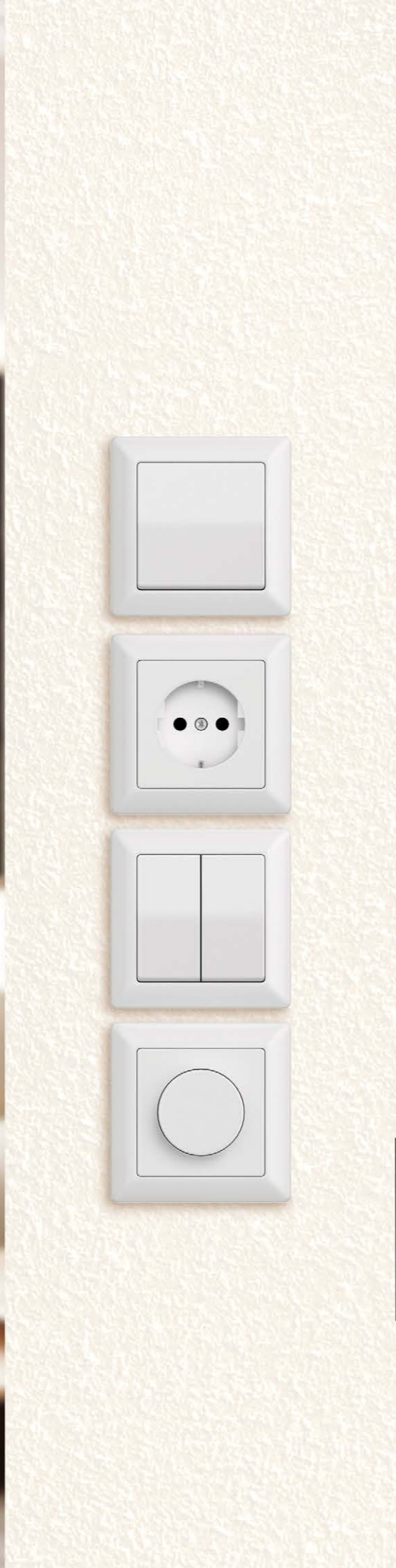
TELEVISION Technical specification table

Properties	Description	Color	MFI	Tensile Strength	Tensile Strain at Break	Izod Impact Strength	Processing Technology
Test Method	-	Visual	ASTM D 1238-10	ASTM D 638	ASTM D 638	ASTM D 256	-
Unit	-	-	g/10 min	MPa	%	J/m	-
HIPS Compounds							
CO61000	Colored HIPS	Black	14	17	34	85	Injection
ABS Compounds							
CO31011	Colored ABS	Glossy Black	20	39	12	205	Injection
PC/ABS Alloy							
AL21002	Colored Alloy	Black	38	52	40	330	Injection

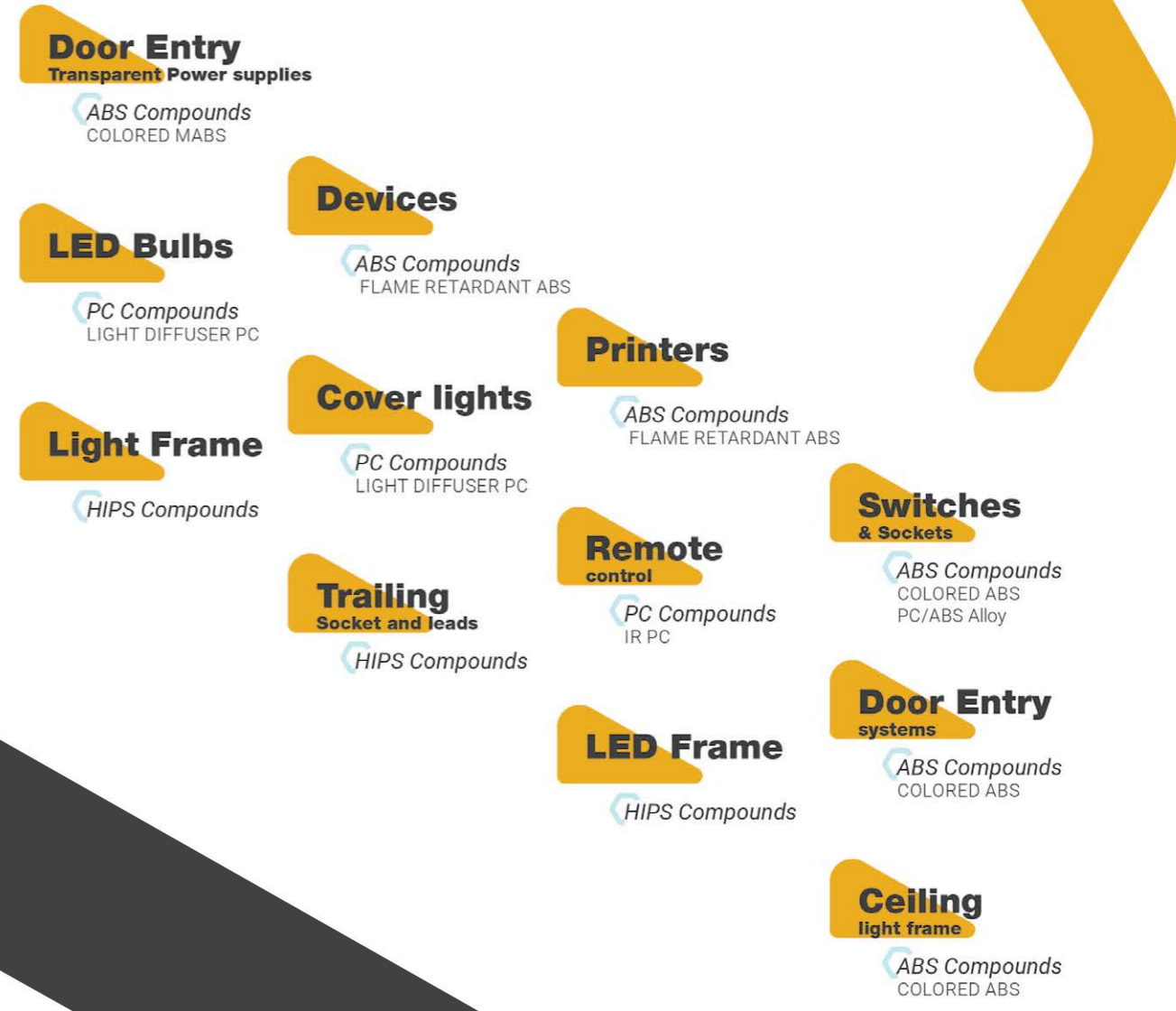
VACUUM CLEANER Technical specification table

Properties	Description	Color	MFI	Tensile Strength	Tensile Strain at Break	Izod Impact Strength	Processing Technology
Test Method	-	Visual	ASTM D 1238-10	ASTM D 638	ASTM D 638	ASTM D 256	-
Unit	-	-	g/10 min	MPa	%	J/m	-
PP Compounds							
CO88101	Anti scratch PP	Black	18	20	10	60	Injection
ABS Compounds							
CO30102	Colored ABS	White	22	41	10	210	Injection
CO33250	Colored ABS	Red	20	35	12	180	Injection
CO32050	Colored ABS	Blue	20	38	10	190	Injection
CO31205	Colored ABS	Gray	20	42	12	200	Injection
CO31010	Colored ABS	HighGlossy Black	18	44	7	180	Injection
PC Compounds							
CO41000	IR Pc	Black	17	62	100	730	Injection





Electrical products...



Switches & Sockets...

ABS Compounds

- COLORED ABS
- PC/ABS ALLAY

Characteristics

- High Gloss surface
- Anti-scratch
- High Heat Stability
- High Aesthetics
- High Opacity
- UV Resistance

Applications

- Switches
- Sockets



C030415
C030416

Door Entry systems...

ABS Compounds

- COLORED ABS

Characteristics

- High Gloss surface
- Anti-scratch
- High Heat Stability
- High Aesthetics
- High Opacity

Applications

- kits
- Panel
- Receivers



C031010
C031011
C031100

Ceiling light frame...

ABS Compounds

- COLORED ABS

Characteristics

- High Gloss surface
- Anti-scratch
- High Heat Stability
- High Aesthetics
- High Opacity

Applications

- Ceiling light frame



C030416

Door Entry Transparent Power supplies ...

ABS Compounds

- COLORED MABS

Characteristics

- High Gloss surface
- Anti-scratch
- High Heat Stability
- High Aesthetics
- High Opacity

Applications

- Transparent Power supplies



C0126300

Multifunction Devices...

ABS Compounds

- FLAME RETARDANT ABS

Characteristics

- Heat resistance
- UL94 standard levels V0, V1, V2
- High flow

Applications

- Multifunction Devices



C039350

Printer component...

ABS Compounds

- FLAME RETARDANT ABS

Characteristics

- Heat resistance
- UL94 standard levels V0, V1, V2
- High flow

Applications

- Printer component



C039350

ABS & MABS COMPOUNDS Technical specification table

Properties	Description	Color	MFI	Tensile Strength	Tensile Strain at Break	Izod Impact Strength	Processing Technology
Test Method	-	Visual	ASTM D 1238-10	ASTM D 638	ASTM D 638	ASTM D 256	-
Unit	-	-	g/10 min	MPa	%	J/m	-
ABS Compounds							
C030415	Colored ABS	White	22	42	12	210	Injection
C030416	Colored ABS	White	18	38	12	180	Injection
C031010	Colored ABS	High Glossy Black	18	44	7	180	Injection
C031011	Colored ABS	Glossy Black	20	39	12	205	Injection
C031100	Colored ABS	Gray	20	40	11	215	Injection
C039350	Flame retardent	Natural	28	40	10	77	Injection
MABS Compounds							
C0126300	Colored ABS	Green	16	43	28	75	Injection

LED Bulbs...

PC Compounds

• LIGHT DIFFUSER PC



Characteristics

- Maximize light transmission
- Excellent light diffusion
- Matt finish
- Excellent dispersion

Applications

- LED Bulbs



Cover lights...

PC Compounds

• LIGHT DIFFUSER PC



Characteristics

- Maximize light transmission
- Excellent light diffusion
- Matt finish
- Excellent dispersion

Applications

- Cover lights

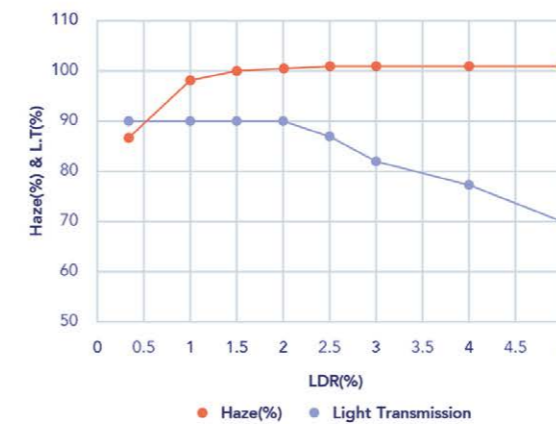


Figure 1. Effect of Light Diffuser masterbatch on the PC optical performances



Remote control...

PC Compounds

• IR PC



Characteristics

- Color stability
- Maximize IR Wavelength transmission
- Balance of toughness & mechanical properties
- Dimensional stability

Applications

- Remote control

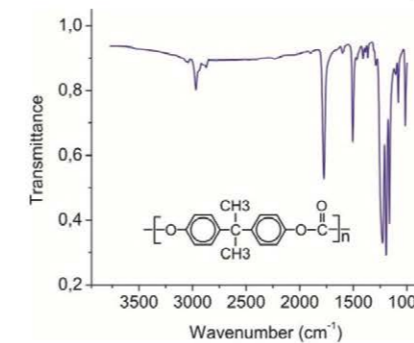
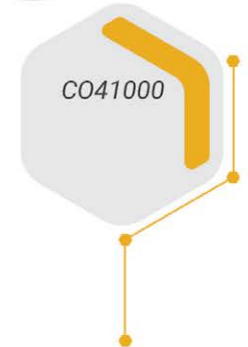


Figure 2. IR absorption spectrum of the PC



PC COMPOUNDS Technical specification table

Properties	Description	Color	MFI	Tensile Strength	Tensile Strain at Break	Izod Impact Strength	Processing Technology
Test Method	-	Visual	ASTM D 1238-10	ASTM D 638	ASTM D 638	ASTM D 256	-
Unit	-	-	g/10 min	MPa	%	J/m	-
PC Compounds							
CO40104	Light Diffuser PC	White	8	60	80	650	Injection
CO41000	IR PC	Black	17	62	100	730	Injection

Light Frame...

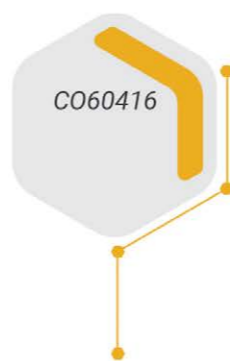
HIPS Compounds

Characteristics

- Soft touch
- Impact Strength
- High Flowability

Applications

- Light Frame



HIPS COMPOUNDS Technical specification table

Properties	Description	Color	MFI	Tensile Strength	Tensile Strain at Break	Izod Impact Strength	Processing Technology
Test Method	-	Visual	ASTM D 1238-10	ASTM D 638	ASTM D 638	ASTM D 256	-
Unit	-	-	g/10 min	MPa	%	J/m	-
HIPS Compounds							
CO60416	Colored HIPS	White	4	21	76	85	Injection

Trailing Socket & Leads...

PP Compounds

Characteristics

- Dimensional Stability
- Good surface hardness
- Good mechanical properties

Applications

- Trailing Socket
- leads



LED Frame...

PP Compounds

Characteristics

- Dimensional Stability
- Good surface hardness
- Good mechanical properties

Applications

- LED Frame



PP COMPOUNDS Technical specification table

Properties	Description	Color	MFI	Tensile Strength	Tensile Strain at Break	Izod Impact Strength	Processing Technology
Test Method	-	Visual	ASTM D 1238-10	ASTM D 638	ASTM D 638	ASTM D 256	-
Unit	-	-	g/10 min	MPa	%	J/m	-
PP Compounds							
CO88042	PP+40%CaCO3	White	28	20	8	50	Injection
CO88097	PP+35%CaCO3	White	22	22	60	30	Injection

Research & innovation center...

The baspar chemi sepidan Tech center, which has internationally accredited facilities, offers excellent technical services for customers.

Market Development



Technical Service Capabilities

Injection Molding

- ▶ Optimization of injection molding process
- ▶ Troubleshooting

Extrusion

- ▶ Compounding process
- ▶ Process analysis by CFD

Material Properties Evaluation

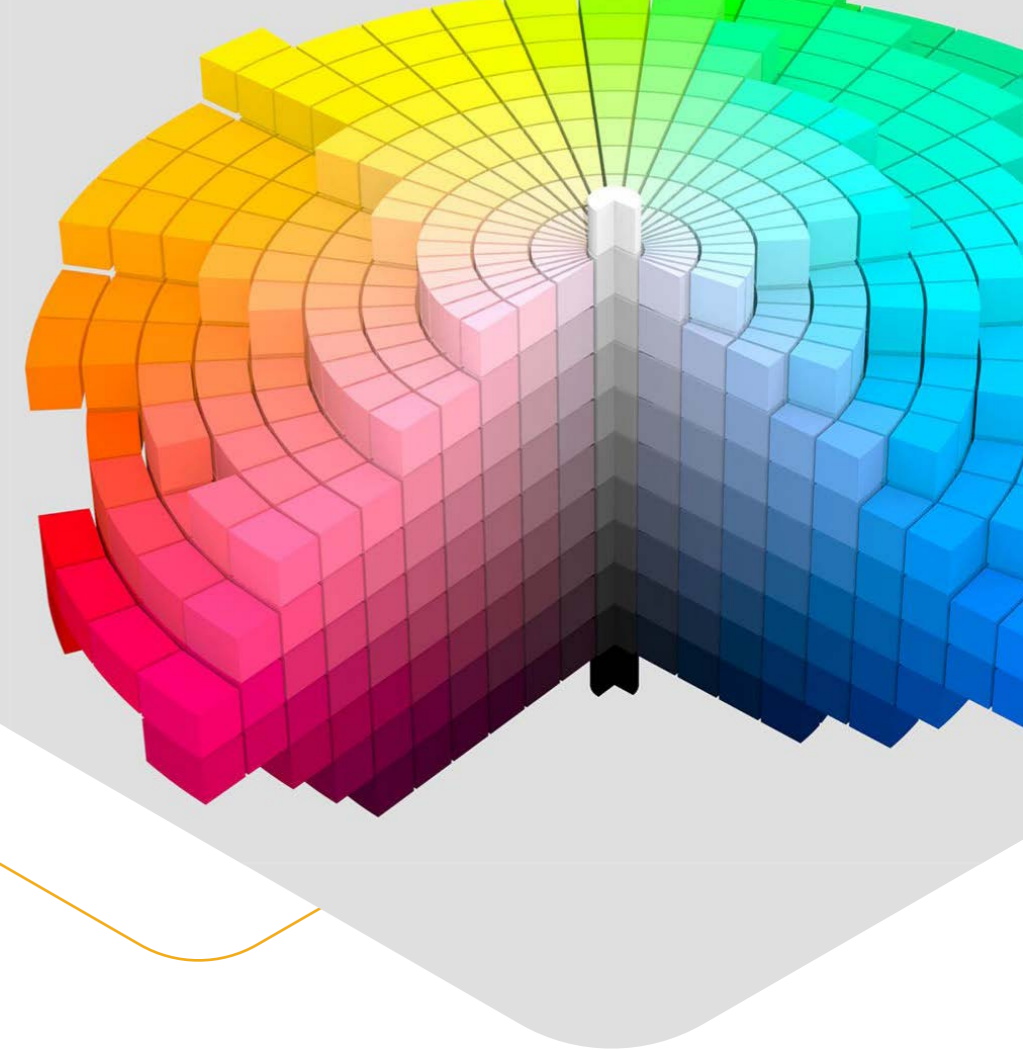
- ▶ Laboratory Services
- ▶ Material Database
- ▶ Reliability Evaluation
- ▶ Long - Term Material properties

Product Design

- ▶ Design Optimization
- ▶ Structural analysis
- ▶ Thermal & Mechanical Analysis

Color Development

- ▶ Speed
- ▶ Accuracy
- ▶ Capacity





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