

Plastic Data Sheets

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Product Information

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BASF Plastics

key to your success

Polystyrol 585 K

Product description

Polystyrol 585 K is a high impact polystyrene with a very high gloss. Its combination of gloss and toughness makes PS 585 K an attractive substitute for ABS.

Processing

Polystyrol 585 K can be injection molded under different conditions depending on machinery available and articles molded. Mass temperature can be as high as 260°C, however to produce articles of optimal mechanical strength mass temperatures between 240 and 260°C are recommended.

Applications

Vacuum cleaner housings; toilet flush; telephones; air conditioner housings; toys;
Coextruded gloss layer;

Form supplied and storage

Polystyrol 585 K is supplied as cylindrical shaped granules. It has to be kept in its original containers in a dry, cool place. Avoid direct exposure to sunlight.
Polystyrol 585 K can also be stored in silos.



Polypropylene

BF335SA

Polypropylene Copolymer for Injection Moulding

Description

BF335SA is a heterophasic copolymer (block copolymer) characterised by high impact strength combined with high stiffness and good flow properties. **BF335SA** has additive formulation containing antistatic and nucleating agents allowing fast cycle time.

Components moulded from **BF335SA** shows good ejectability and combine very good low temperature impact strength with good stiffness, good gloss and antistatic properties.

Applications

BF335SA is particularly suited for the injection moulding of products requiring high impact strength in combination with long flow lengths.

Main application area is vacuumcleaner parts:

- Lower housing
- Accessory parts
- Wheels

Polypropylene Block-Copolymer

Description:

This grade combines a very high impact strength, even at low temperatures, with a high stiffness and moderate flow properties. It is suitable for injection moulding of technical components and containers exposed to heavy loads and needing a high toughness. It is also suitable for extrusion applications like thin sheet, corrugated board and profiles. It is also available in an UV-stabilized version.

Health, Safety and Food Contact regulations:

Material Safety Data Sheets (MSDS) and Product Safety declarations are available on our Internet site <http://www.SABIC-europe.com>

<i>Properties</i>	<i>Units SI</i>	<i>Typical Value</i>	<i>Testmethods</i>
Specific properties			
Density:	<i>kg/m³</i>	905	<i>ISO 1183</i>
Melt Flow Rate:			<i>ISO 1133</i>
at 230 °C and 2.16 kg	<i>g/10min</i>	1.8	
at 230 °C and 5 kg	<i>g/10min</i>	6.5	
Mechanical properties			
Charpy impact strength:			<i>ISO 179</i>
notched, at +23 °C	<i>kJ/m²</i>	30.0	
notched, at + 0 °C	<i>kJ/m²</i>	12.0	

