Technical Data Sheet

Hifax CB 45G T 2003 (SC BLACK)

Polypropylene Compounds

Product Description

Hifax CB 45G T 2003 (SC BLACK) is a 30% talc filled PP copolymer, with a good balance of flowability, impact strength and stiffness. Product is available as non color matched, black, pellet form.

Regulatory Status

For regulatory compliance information, see *Hifax* CB 45G T 2003 (SC BLACK) Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Status	Commercial: Active
Availability	Asia-Pacific
Application	Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Impact Resistance; Good Stiffness; Good UV Resistance; Medium Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ISO 1133-1
Density, (23 °C)	1.13	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus	2400	MPa	ISO 178
Tensile Stress at Yield	20	MPa	ISO 527-1, -2
Tensile Strain at Break	40	%	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	14	kJ/m²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	113	°C	ISO 75B-1, -2

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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