Technical Data Sheet

Hifax 0307 2085

Polypropylene Compounds

Product Description

Hifax 0307 2085 is an unfilled PP copolymer, with medium melt flow rate offering a good flexibility, high impact resistance, and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in 2085 color version.

Regulatory Status

For regulatory compliance information, see *Hifax* 0307 2085 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 Flexibility; Good UV Resistance; High Impact Resistance; Medium Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	13	g/10 min	ISO 1133-1
Density, (23 °C)	0.90	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus	290	MPa	ISO 178
Tensile Stress at Yield	10	MPa	ISO 527-1, -2
Tensile Strain at Break	>400	%	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	No Break	kJ/m²	ISO 180/1A
(-30 °C)	No Break	kJ/m²	ISO 180/1A
Hardness			
Shore Hardness, (Shore D)	40		ISO 868

Manufacturer website: https://www.lyondellbasell.com/en/

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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