Dow Packaging & Specialty Plastics

Product Data Sheet

FUSABOND™ P353

Functional Polymer

General Information

Product Description	FUSABOND™ P353 is a chemically modified polypropylene copolymer.

Status

Material Status	Commercial: Active

Typical Characteristics

Uses	Automotive Applications; Plastics Modification; Polymer Modifier
Composition	Ultra High% By Weight Maleic Anhydride Graft levels are defined as: Low < 0.2%; Medium 0.2-0.5%; High 0.5-1.0%; Ultra high > 1.0%
Applications	Coupling agent, long glass fiber filled PP compounds, and in PP pultrusion and glass mat processes; adhesion promoter.

Typical Properties

Physical	Nominal Values	Test Method(s)	
*Density ( )	0.904 g/cm³	ASTM D792	ISO 1183
*Melt Flow Index (160°C/325g)	22.4 g/10 min	ASTM D1238	ISO 1133

Thermal	Nominal Values	Test Method(s)	
*Melting Point (DSC)	132 °C (269.6 °F)	ASTM D3418	ISO 3146
Freezing Point (DSC)	92 °C (197.6 °F)	ASTM D3418	ISO 3146
Vicat Softening Point ( )	112 °C (233.6 °F)	ASTM D1525	ISO 306

Processing Information

*Maximum Processing Temperature	300 °C (572 °F)

FDA Status Information	For information on regulatory compliance within the U.S.A., consult your local Dow representative
Regulatory Information	For information on regulatory compliance outside the U.S.A., consult your local Dow representative.
Safety & Handling	For information on appropriate Handling & Storage of this polymeric resin, please refer to the material Safety Data Sheet. A Product Safety Bulletin, material Safety Data Sheet, and/or more detailed information on extrusion processing and/or compounding of this polymeric resin for specific applications are available from your Dow representative.

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Additional Information

To contact Dow via Toll-Free or Local Toll phone numbers in specific countries, please see the following webpage:
https://www.dow.com/en-us/support/contact-representative.html

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