



Fusabond® P353

DuPont Packaging & Industrial Polymers - Polypropylene Copolymer

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General Information

Product Description

DuPont Fusabond® P353 is a chemically modified polypropylene copolymer.

Uses

- Automotive Applications
- Plastics Modification
- Polymer Modifier

Applications

Coupling agent, long glass fiber filled PP compounds, and in PP pultrusion and glass mat processes; adhesion promoter.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber		
Features	• Copolymer		
Uses	• Automotive Applications	• Plastics Modification	
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.906		ASTM D792
Density	0.904	g/cm ³	ISO 1183
Melt Mass-Flow Rate (160°C/0.325 kg)	22	g/10 min	ASTM D1238
Melt Mass-Flow Rate (MFR) (160°C/0.325 kg)	22	g/10 min	ISO 1133
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	234	°F	ASTM D1525
Vicat Softening Temperature	234	°F	ISO 306
Peak Melting Temperature	275	°F	ASTM D3418
Melting Temperature (DSC)	275	°F	ISO 3146
Freezing Point			
--	199	°F	ASTM D3418
--	199	°F	ISO 3146
Additional Information	Nominal Value	Unit	
Maximum Processing Temperature	572	°F	

Notes

¹ Typical properties: these are not to be construed as specifications.