

DuPont™ Fusabond® P353

Fusabond® resins Product Data Sheet

Description

Product Description DuPont Fusabond® P353 is a chemically modified polypropylene.

Restrictions

Material Status

- Commercial: Active

Typical Characteristics

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.

Typical Properties

Physical	Nominal Values	Test Method(s)	
Density ()	0.904 g/cm ³	ASTM D792	ISO 1183
Melt Flow Rate (160°C/325g)	22.4 g/10 min	ASTM D1238	ISO 1133
Melt Index (190°C/2.16kg)	470 g/10 min	ASTM D1238	ISO 1133
Thermal	Nominal Values	Test Method(s)	
Melting Point (DSC)	135°C (275°F)	ASTM D3418	ISO 3146
Freezing Point (DSC)	93°C (199°F)	ASTM D3418	
Vicat Softening Point ()	112°C (234°F)	ASTM D1525	ISO 306

Processing Information

General

Maximum Processing Temperature 300°C (572°F)

Safety & Handling

As with any hot material, care should be taken to protect the hands and other exposed parts of the body when working with molten polymer.

At temperatures above 300°C (572°F), these resins can evolve low concentrations of fumes. When resins are overheated, more extensive decomposition may occur. Because fumes produced during exposure to high temperatures may be combustible, exposure of overheated resin to atmospheric oxygen should be

avoided if possible. Adequate local ventilation should be provided to remove the fumes from the work area.

Disposal of scrap material presents no special problems, and may be accomplished by landfill or by incineration by a properly operated incinerator. Disposal should comply with local, state, and federal regulations. Resin pellets can be a slipping hazard. Loose pellets should be swept up promptly to prevent falls.

For more detailed information on the safe handling and disposal of these resins, a Product Safety Bulletin and OSHA Material Safety Data Sheets can be obtained from the Regional Office serving you.

Read and Understand the Material Safety Data Sheet (MSDS) before using this product

Regional Centres

DuPont operates in more than 70 countries. For help finding a local representative, please contact one of the following regional customer contact centers:

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