

DuPont™ Fusabond® N525

Fusabond® resins Product Data Sheet

Description

Product Description DuPont™ Fusabond® N525 is an anhydride modified ethylene copolymer.

Restrictions

Material Status • Commercial: Active

Typical Characteristics

Uses • Polymer Modifier

Features

Glass Transition Temperature:
(-48C) / (-54F) ----- ASTM D3418

Crystalline Melt Point:
35C / 95F ----- ASTM D3418

Flexural Modulus (.05 in/min, 23C):
3258psi (22MPa) ----- ASTM D790

Tensile Elongation @ Break (Type IV, 50mm/min, 23°C):
587% ----- ASTM D638 / ISO 527-2

Tensile Elongation @ Break (Type IV, 500mm/min, 23°C):
551% ----- ASTM D638 / ISO 527-2

Tensile Strength @ Break (Type IV, 50mm/min, 20C):
2085psi (14MPa) ----- ASTM D638 / ISO 527-2

Tensile Strength @ Break (Type IV, 500mm/min, 23°C):
933psi (6MPa) ----- ASTM D638 / ISO 527-2

Durometer Hardness (D):
30 ----- ASTM D2240 / ISO 868

Typical Properties

Physical	Nominal Values	Test Method(s)	
* Density ()	0.88 g/cm³	ASTM D792	ISO 1183
* Melt Flow Rate (190°C/2.16kg)	3.7 g/10 min	ASTM D1238	ISO 1133
Thermal	Nominal Values	Test Method(s)	
* Melting Point (DSC)	54°C (129°F)	ASTM D3418	ISO 3146
Vicat Softening Point ()	42°C (108°F)	ASTM D1525	ISO 306

Processing Information

General

- * Maximum Processing Temperature 290°C (554°F)

Regulatory Information

For information on regulatory compliance outside the U.S., consult your local DuPont 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 DuPont Packaging and Industrial Polymers representative.

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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