

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:

#### Americas

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