**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:**
  - (-48°C) / (-54°F)  
  - ASTM D3418

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

- **Flexural Modulus (.05 in/min, 23°C):**
  - 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, 20°C):**
  - 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**
- **Density (g/cm³):** 0.88  
  - ASTM D792 / ISO 1183
- **Melt Flow Rate (190°C/2.16kg):** 3.7 g/10 min  
  - ASTM D1238 / ISO 1133

**Thermal**
- **Melting Point (DSC):** 54°C (129°F)  
  - ASTM D3418 / ISO 3146
- **Vicat Softening Point (°C):** 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
- **DuPont Company**
  - Chestnut Run Plaza – Bldg. 730
  - 974 Centre Road
  - Wilmington, Delaware
  - 19805 U.S.A.
  - Toll-Free (USA): 1-800-628-6208
  - Telephone: 1-302-774-1000
  - Fax: 1-302-355-4013

#### Asia Pacific
- **DuPont China Holding Co., Ltd.**
  - Shanghai Branch
  - 399 Keyuan Road, Bldg. 11
  - Zhangjiang Hi-Tech Park
  - Pudong New District, Shanghai
  - P.R. China (Postcode: 201203)
  - Telephone +86 21 3862 2888
  - Fax +86-21-3862-2889

#### Europe / Middle East / Africa
- **DuPont de Nemours Int’l. S.A.**
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  - CH-1218 Le Grand Saconnex
  - Geneva, Switzerland
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  - Fax +41 22 717 55 00

- **DuPont do Brasil, S.A.**
  - Alameda Itapeceuru, 506
  - 06454-080 Barueri, SP Brasil
  - Telephone: +55 11 4166 8000
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**CAUTION:** Do not use DuPont materials in medical applications involving implantations in the human body or contact with internal body fluids or tissues unless the material has been provided from DuPont under a written contract that is consistent with DuPont policy regarding medical applications and expressly acknowledges the contemplated use. For further information, please contact your DuPont representative. You may also request a copy of DuPont POLICY Regarding Medical Applications H-50103-3 and DuPont CAUTION Regarding Medical Applications H-50102-3.

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