



## Fusabond® N493

DuPont Packaging & Industrial Polymers - Ethylene Copolymer

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### General Information

#### Product Description

DuPont™ Fusabond® N493 is an anhydride modified ethylene copolymer.

DuPont™ Fusabond® N493 can only be used in the following applications:

- (1) all polyamide blends and
- (2) blends for golf balls and
- (3) blends for "compatibilizing flame retardant fillers for in non-halogen flame retardant polyolefin-based wire and cable compounds"

#### General

|                 |                                          |                             |                 |
|-----------------|------------------------------------------|-----------------------------|-----------------|
| Material Status | • Commercial: Active                     |                             |                 |
| Availability    | • Africa & Middle East<br>• Asia Pacific | • Europe<br>• Latin America | • North America |
| Uses            | • Plastics Modification                  | • Wire & Cable Applications |                 |
| Forms           | • Pellets                                |                             |                 |

### ASTM & ISO Properties <sup>1</sup>

| Physical                                  | Nominal Value | Unit              | Test Method |
|-------------------------------------------|---------------|-------------------|-------------|
| Density / Specific Gravity                | 0.872         |                   | ASTM D792   |
| Density                                   | 0.870         | g/cm <sup>3</sup> | ISO 1183    |
| Melt Mass-Flow Rate (190°C/2.16 kg)       | 1.6           | g/10 min          | ASTM D1238  |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 1.6           | g/10 min          | ISO 1133    |
| Thermal                                   | Nominal Value | Unit              | Test Method |
| Peak Melting Temperature                  | 122           | °F                | ASTM D3418  |
| Melting Temperature (DSC)                 | 122           | °F                | ISO 3146    |
| Freezing Point - DSC                      |               |                   |             |
| --                                        | 82            | °F                | ASTM D3418  |
| --                                        | 82            | °F                | ISO 3146    |
| Additional Information                    | Nominal Value | Unit              |             |
| Maximum Processing Temperature            | < 290         |                   |             |

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.