



## FUSABOND™ N493

### Functional Polymer

Description			
Product Description	FUSABOND™ N493 is an anhydride modified ethylene copolymer.		
Restrictions			
Material Status	Commercial: Active		
Other Restrictions	FUSABOND™ N493 is often used in applications such as: (1) polyamide blends (2) blends for golf balls covers (3) blends for "compatibilizing flame retardant fillers for in non-halogen flame retardant polyolefin-based wire and cable compounds"		
Typical Characteristics			
Uses	Wire & Cable Applications; Polymer Modifier		
Typical Properties			
Physical	Nominal Values		Test Method(s)
*Density ( )	0.87 g/cm <sup>3</sup>	ASTM D792	ISO 1183
*Melt Flow Rate ( 190°C/2.16kg)	1.6 g/10 min	ASTM D1238	ISO 1133
Thermal	Nominal Values		Test Method(s)
*Melting Point ( DSC)	50 °C ( 122 °F)	ASTM D3418	ISO 3146
Freezing Point ( DSC)	28 °C ( 82.4 °F)	ASTM D3418	ISO 3146
Processing Information			
*Maximum Processing Temperature	290 °C ( 554 °F)		

Regulatory Information	For information on regulatory compliance outside the U.S.A., consult your local Dow 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 Dow representative.

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