



Dow Packaging & Specialty Plastics

Product Data Sheet

FUSABOND™ P613

Functional Polymer

General Information

Product Description FUSABOND™ P613 is an anhydride modified polypropylene.

Status

Material Status Commercial: Active

Typical Characteristics

Uses Polymer Modifier

Composition High% By Weight Maleic Anhydride
Graft levels are defined as:
Low < 0.2%; Medium 0.2-0.5%; High 0.5-1.0%; Ultra high > 1.0%

Applications Coupling agent, short glass fiber filled PP

Typical Properties

Physical	Nominal Values	Test Method(s)	
*Density ()	0.903 g/cm ³	ASTM D792	ISO 1183
*Melt Flow Index (190°C / 1.0 kg measured)	49 g/10 min	ASTM D1238	ISO 1133
Melt Flow Rate (190°C / 2.16 kg calculated)	120 g/10 min		
Thermal	Nominal Values	Test Method(s)	
*Melting Point (DSC)	162 °C (323.6 °F)	ASTM D3418	ISO 3146

Processing Information

*Maximum Processing Temperature 300 °C (572 °F)

FDA Status Information FUSABOND™ P613 resin complies with Food and Drug Administration Regulation 21 CFR 175.105 - - Adhesives. This Regulation describes adhesives that may be used as components of articles intended for use in packaging, transporting, or holding food, subject to the limitations and requirements therein.

The information and certifications provided herein are based on data we believe to be reliable, to the best of our knowledge. The information and certifications apply only to the specific material designated herein as sold by Dow and do not apply to use in any process or in combination with any other material. They are provided at the request of and without charge to our customers. Accordingly, Dow cannot guarantee or warrant such certifications or information and assumes no liability for their use.

Regulatory Information For information on regulatory compliance outside of 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.

