

# ResMart Ultra PBT 35

Polybutylene Terephthalate

ResMart

Message:

High performance polyester resin that can be used for polymer alloys, fiber production, films, and assorted compounds

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30 to 1.32	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	35 to 45	g/10 min	ASTM D1238
Intrinsic Viscosity	0.94 to 0.97	dl/g	ASTM D2857
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	50.0 to 60.0	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Flexural Strength	> 82.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	> 40	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	220 to 225	°C	ASTM D3418
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength (2.00 mm)	> 20	kV/mm	ASTM D149

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## Recommended distributors for this material

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