

ResMart Ultra PBT 23

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 ³	ASTM D792
Melt Mass-Flow Rate (MFR)	23 to 32	g/10 min	ASTM D1238
Intrinsic Viscosity	0.99 to 1.0	dl/g	ASTM D2857
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	50.0 to 60.0	MPa	ASTM D638
Tensile Elongation (Break)	> 200	%	ASTM D638
Flexural Strength	> 85.0	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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT