

PTS PBT-1100 PBT Resin

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), Glass Fiber Filled, Flame Retardant

Material Notes:

Information provided by PTS LLC.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PTS-PBT-1100-PBT-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 - 1.33 g/cc	1.29 - 1.33 g/cc	Dipping/distilled water; ISO 1183
Moisture Absorption at Equilibrium	<= 0.3 %	<= 0.3 %	Loss on drying; ISO 15512
Viscosity Measurement	0.98 - 1.02	0.98 - 1.02	Intrinsic Viscosity, Phenol-tetrachloroethane; ISO 1628-5
Melt Flow	30 - 45 g/10 min @Load 2.16 kg, Temperature 250 °C	30 - 45 g/10 min @Load 4.76 lb, Temperature 482 °F	ISO 1133
Ash	<= 0.035 %	<= 0.035 %	Calcination; ISO 3451-1

Thermal Properties	Metric	English	Comments
Melting Point	222 - 226 °C	432 - 439 °F	10°C/min; ISO11357 (DSC)

Descriptive Properties	Value	Comments
Carboxyl End Groups	<30 mol/t	Phenol-chloroform dissolvent, Potentiometric titration
Color B	<6.0	Pellet, C/2° light, Hunter Lab photometer

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