

DuPont Performance Polymers Delrin® 300TE BK602 Acetal (POM) (Unverified Data)**

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Homopolymer, Unreinforced, Impact Grade

Material Notes:

Toughened Medium-high Viscosity Acetal Homopolymer with Very Low EmissionsDelrin 300TE BK602 is a medium-high viscosity toughened acetal homopolymer with very low VOC emissions. Processing methods include injection molding.Information provided by DuPont Performance Polymers

Order this product through the following link:
http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Delrin-300TE-BK602-Acetal-POM-nbspUnverified-Data.php

Physical Properties	Metric	English	Comments
Density	1.38 g/cc	0.0499 lb/in³	ISO 1183
Melt Flow	6.0 g/10 min @Load 2.16 kg, Temperature 190 °C	6.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	54.0 MPa	7830 psi	ISO 527-1/-2
Elongation at Break	33 %	33 %	Nominal; ISO 527-1/-2
Elongation at Yield	20 %	20 %	ISO 527-1/-2
Tensile Modulus	1.90 GPa	276 ksi	ISO 527-1/-2
Charpy Impact, Notched	1.80 J/cm²	8.57 ft-lb/in²	ISO 179/1eA
	1.00 J/cm² @Temperature -30.0 °C	4.76 ft-lb/in² @Temperature -22.0 °F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	178 °C	352 °F	10°C/min; ISO 11357-1/-3
Deflection Temperature at 1.8 MPa (264 psi)	72.0 °C	162 °F	ISO 75-1/-2

Descriptive Properties	Value	Comments
Additives	Lubricants	
	Release agent	
Delivery Form	Pellets	

Emissions Descriptive Properties	<2 mg/kg Value	VDA 275 Comments
Part Marking Code	>POM-I<	ISO 11469
Regional Availability	Asia Pacific	
	Europe	
	Global	
	Near East/Africa	
	North America	
	South and Central America	
Resin Identification	POM-I	ISO 1043

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