

DuPont Performance Polymers Delrin® SC652 NC010 Acetal Homopolymer (Unverified Data**)

Category : Polymer , Thermoplastic , Acetal (POM)

Material Notes:

Delrin® SC652 is a medium viscosity acetal homopolymer, with an advanced system of lubricants. It is developed for parts requiring low wear, low friction and low squeak noise for the healthcare industry. Information provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Delrin-SC652-NC010-Acetal-Homopolymer-nbspUnverified-Data.php

Physical Properties	Metric	English	Comments
Density	1.39 g/cc	0.0502 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	65.0 MPa @Temperature 23.0 °C	9430 psi @Temperature 73.4 °F	ISO 527
Elongation at Yield	11 % @Temperature 23.0 °C	11 % @Temperature 73.4 °F	ISO 527
Tensile Modulus	3.00 GPa @Temperature 23.0 °C	435 ksi @Temperature 73.4 °F	ISO 527
Charpy Impact, Notched	0.700 J/cm ² @Temperature 23.0 °C	3.33 ft-lb/in ² @Temperature 73.4 °F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	178 °C	352 °F	10°C/min; ISO 11357-1/-3

Descriptive Properties	Value	Comments
Additive	Lubricant	
Appearance	Natural Color	
Features	Creep Resistance, Good	
	Friction, Low	
	Homopolymer	
	Lubricated	
	Viscosity, Medium	

Descriptive Properties	Value	Comments
Forms	Pellets	
Generic	Acetal (POM) Homopolymer	
Material Status	Current	
Part Marking Code	>POM-S<	ISO 11469
Processing Method	Injection Molding	
Product Category	Healthcare Resins	
	Low Wear and Friction Resins	
	Unreinforced Resins	
Region Available - Global	Yes	
Resin Identification	POM-S	ISO 1043
RoHS Compliance	Contact Manufacturer	
Uses	Conveyors	
	Gears	
	Medical Applications	
	Parts, Engineering	

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