

**DuPont Performance Polymers Delrin® SC690 NC010 Acetal Homopolymer
(Unverified Data**)**

Category : Polymer , Thermoplastic , Acetal (POM)

Material Notes:

Delrin® SC690 is a low viscosity acetal homopolymer, developed for parts requiring high precision molding in 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-SC690-NC010-Acetal-Homopolymer-nbspUnverified-Data.php

Physical Properties	Metric	English	Comments
Density	1.42 g/cc	0.0513 lb/in³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	71.0 MPa	10300 psi	ISO 527
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Elongation at Yield	12 %	12 %	ISO 527
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Tensile Modulus	3.30 GPa	479 ksi	ISO 527
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	0.800 J/cm²	3.81 ft-lb/in²	ISO 179/1eA
	@Temperature 23.0 °C	@Temperature 73.4 °F	

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

Descriptive Properties	Value	Comments
Appearance	Natural Color	
Features	Creep Resistance, Good	
	Dimensional Stability, Good	
	Fatigue Resistant	
	Homopolymer	
	Stiffness, High	
	Strength, High	

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

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