

Tenopom® POM B3 HF PRTA011 PR311

Acetal (POM) Copolymer

Petropol Industry and Trade of Polymers LTDA

Message:

Polyacetal copolymer with low viscosity in black color, easily processed, indicated for injection parts where it needs to be easily completed.

General Information			
Features	Copolymer		
	Good Processability		
	Low Viscosity		
Appearance	Black		
Processing Method	Injection Molding		
Resin ID (ISO 1043)	>POM<		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	25 to 27	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.8 to 2.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	61.0	MPa	ASTM D638
Tensile Elongation (Break)	46	%	ASTM D638
Flexural Modulus	2500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	54	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 6.35 mm	160	°C	
1.8 MPa, Unannealed, 6.35 mm	100	°C	
Peak Melting Temperature	170	°C	ASTM D3418
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+14	ohms · cm	ASTM D257
Dissipation Factor (1 MHz)	6.0E-3		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	180 to 200	°C	

Mold Temperature	70.0 to 80.0	°C
------------------	--------------	----

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

