

PPR POM02

Acetal (POM) Copolymer
Premier Plastic Resins, Inc.

Message:

Acetal Copolymer Black

General Information			
Appearance	Black		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	2.2	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	60.7	MPa	ASTM D638
Tensile Elongation (Break)	65	%	ASTM D638
Flexural Modulus - Tangent	2590	MPa	ASTM D790
Flexural Strength	91.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	70	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	160	°C	ASTM D648
1.8 MPa, not annealed	110	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	77.0 - 88.0	°C	
Drying Time	2.0 - 4.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	188 - 221	°C	
Middle Temperature	185 - 216	°C	
Front Temperature	185 - 216	°C	
Nozzle Temperature	193 - 210	°C	
Processing (Melt) Temp	199 - 227	°C	
Mold Temperature	82.0 - 104	°C	
Injection Pressure	69.0 - 110	MPa	
Injection Rate	Moderate-Fast		
Holding Pressure	41.0 - 83.0	MPa	
Back Pressure	0.00	MPa	
Cushion	6.35 - 12.7	mm	

Injection instructions

Screw Speed: ModerateDecompression: 3.81 to 7.6 mm

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

