

RAMOFIN PPC364I6

Polypropylene Copolymer

Polyram Ram-On Industries

Message:

30% MINERAL AND GLASS-FIBER REINFORCED, HEAT RESISTANT POLYPROPYLENE FOR INJECTION MOULDING APPLICATIONS.

General Information			
Filler / Reinforcement	Glass\Mineral,30% Filler by Weight		
Features	High Heat Resistance		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ASTM D1238, ISO 1133
Molding Shrinkage			
Flow	0.30 to 0.50	%	
--	0.30 to 0.50	%	ISO 2577
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5200	MPa	ASTM D638, ISO 527-2
Tensile Strength (Yield)	60.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	5.0	%	ASTM D638, ISO 527-2
Flexural Modulus	3600	MPa	ASTM D790, ISO 178
Flexural Strength	90.0	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			
23°C	120	J/m	ASTM D256
23°C	12	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	142	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	127	°C	ASTM D648, ISO 75-2/A
Melting Temperature	165	°C	ISO 11357-3, ASTM D3418
Flammability	Nominal Value	Test Method	
Flame Rating (3.00 mm)	HB	UL 94	
Injection	Nominal Value	Unit	
Rear Temperature	190 to 220	°C	
Middle Temperature	200 to 225	°C	
Front Temperature	205 to 230	°C	
Mold Temperature	30.0 to 65.0	°C	
Injection Pressure	70.0 to 105	MPa	

Holding Pressure	35.0 to 70.0	MPa
Back Pressure	0.350 to 0.700	MPa
Screw Speed	60 to 90	rpm

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

