

Hyprom® PP-RP 12/1.5C

Polypropylene Random Copolymer

Entec Polymers

Message:

This product is intended for injection molding applications that require fast cycle time, enhanced processability and excellent clarity. This product offers improved impact and utilizes the latest generation clarifying additive technology.

General Information			
Additive	Clarifier		
Features	Good Impact Resistance		
	Good Processability		
	High Clarity		
	Random Copolymer		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.6	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	28.0	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	11	%	ASTM D638
Flexural Modulus - 1% Secant ¹ (23°C)	1070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	74.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Rear Temperature	182 to 216	°C	
Middle Temperature	193 to 238	°C	
Front Temperature	204 to 249	°C	
Nozzle Temperature	193 to 238	°C	
Processing (Melt) Temp	204 to 249	°C	
Mold Temperature	21.1 to 48.9	°C	
Injection Pressure	3.45 to 10.3	MPa	
NOTE			

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Recommended distributors for this material

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