

Hypro® PP-RP 35/1.5C

Polypropylene Random Copolymer

Entec Polymers

Message:

Hypro® PP-RP 35/1.5C is a Polypropylene Random Copolymer (PP Random Copolymer) material. It is available in North America.

Important attributes of Hypro® PP-RP 35/1.5C are:

RoHS Compliant

Clarified

Copolymer

General Information			
Additive	Clarifier		
Features	Random Copolymer		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.2 to 2.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	29.6	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	13	%	ASTM D638
Flexural Modulus (23°C)	1170	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	53	J/m	ASTM D256
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	

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Recommended distributors for this material

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