

Hypro® PP-CP 50/2

Polypropylene Copolymer

Entec Polymers

Message:

Hypro® PP-CP 50/2 is a Polypropylene Copolymer (PP Copolymer) material. It is available in North America.

Important attributes of Hypro® PP-CP 50/2 are:

RoHS Compliant

Copolymer

General Information			
Features	Copolymer		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.899	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	50	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.2 to 2.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	85		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	25.5	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	6.0	%	ASTM D638
Flexural Modulus (23°C)	1170	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	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

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

