

# ResinDirect HOPP12

Polypropylene Homopolymer

ResinDirect

Message:

ResinDirect HOPP12 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in North America for injection molding.

Important attributes of ResinDirect HOPP12 are:

Flame Rated

Homopolymer

General Information			
Features	General Purpose		
	Homopolymer		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	35.2	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	200	%	ASTM D638
Flexural Modulus <sup>3</sup>	1520	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	104	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
NOTE			
1.	5.1 mm/min		
2.	5.1 mm/min		
3.	2.5 mm/min		

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