

NEXUS PP HPP12

Polypropylene Homopolymer

Nexus Resin Group, LLC.

Message:

Homopolymer for Injection Molded Applications

HPP12 homopolymer is designed for general purpose injected molded applications It is characterized by easy processability and good stiffness. Also available with nucleation or antistat.

General Information			
Features	General Purpose		
	Good Processability		
	Good Stiffness		
	Homopolymer		
Uses	General Purpose		
Processing Method	Injection Molding		
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
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.1	MPa	ASTM D638
Tensile Elongation ¹ (Yield)	8.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°C	ASTM D648
NOTE			
1.	50 mm/min		

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