

NEXUS PP HPP50

Polypropylene Homopolymer

Nexus Resin Group, LLC.

Message:

Homopolymer for injection molding applications

Nexus HPP50 is designed for general purpose injection molding applications. Also available in antistat and nucleation formulas.

General Information			
Features	General Purpose 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)	50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	37.9	MPa	ASTM D638
Flexural Modulus	1550	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	16	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	116	°C	ASTM D648

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