

NEXUS PP CPP2.5NB

Polypropylene Impact Copolymer

Nexus Resin Group, LLC.

Message:

Impact Copolymer for Injection Molded Applications
Nexus CPP2.5/NB is very high impact, no break copolymer used for injection applications requiring superior toughness and impact, as well as cold temperature impact.

General Information			
Features	Good Toughness		
	High Impact Resistance		
	Impact Copolymer		
	Low Temperature Impact Resistance		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	75		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.5	MPa	ASTM D638
Flexural Modulus	1340	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	93.3	°C	ASTM D648

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