

NEXUS PE HDPE-553

High Density Polyethylene

Nexus Resin Group, LLC.

Message:

High Density Polyethylene for injection molding applications
Nexus HDPE-553 is designed for injection molding applications requiring excellent impact strength and good stiffness.

General Information			
Features	Good Stiffness		
	High Impact Resistance		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.953	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.3	MPa	ASTM D638
Tensile Elongation (Break)	950	%	ASTM D638
Flexural Modulus	1310	MPa	ASTM D790

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