

NEXUS PE HDPE-4052

High Density Polyethylene

Nexus Resin Group, LLC.

Message:

High Density Polyethylene for injection molding applications

Nexus HDPE-4052 is designed for injection molding of thin wall containers and applications requiring excellent cycle times.

General Information			
Features	Fast Molding Cycle		
Uses	Thin-walled Containers		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.952	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	40	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.5	MPa	ASTM D638
Tensile Elongation (Break)	200	%	ASTM D638
Flexural Modulus	1240	MPa	ASTM D790

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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