

# NEXUS PE HDPE-0149

High Density Polyethylene

Nexus Resin Group, LLC.

## Message:

High Density Polyethylene for blow molding applications  
Nexus HDPE-0149 is designed for large part blow molding and extrusion applications requiring excellent ESCR along with good melt strength and rigidity.

General Information	
Features	Good Melt Strength High ESCR (Stress Crack Resist.) High Rigidity
Uses	Blow Molding Applications
Processing Method	Blow Molding Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.949	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.8	MPa	ASTM D638
Tensile Elongation (Break)	700	%	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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