

NEXUS PE LL02-942

Linear Low Density Polyethylene

Nexus Resin Group, LLC.

Message:

High Density for rotational molding applications

Nexus HDPE LL02-942 is a hexene mainly used for rotational mold applications such as large tanks. LL02-942 is UV stabilized.

General Information			
Additive	UV Stabilizer		
Features	Good UV Resistance		
	Hexene Comonomer		
Uses	Tanks		
Agency Ratings	FDA Unspecified Rating		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.942	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	22.2	MPa	ASTM D638
Flexural Modulus - 1% Secant	896	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Low Temperature Impact			ARM
3.18 mm	108	J	
-45°C, 6.35 mm	258	J	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	67.0	°C	
1.8 MPa, Unannealed	42.0	°C	
NOTE			
1.	51 mm/min		

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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

