

# NEXUS PE LL067-935

Linear Low Density Polyethylene

Nexus Resin Group, LLC.

## Message:

Linear Low Density for rotational molding applications  
Nexus HDPE LL067-935 is designed for rotational mold applications such as large hollow objects, playground equipment and drums. Characterized by excellent ESCR, low impact strength and warp resistance. LL067-935 is UV stabilized.

General Information			
Additive	UV Stabilizer		
Features	Good UV Resistance		
	High ESCR (Stress Crack Resist.)		
	Low Temperature Impact Resistance		
	Warp Resistant		
Uses	Drums		
	Toys		
Agency Ratings	FDA Unspecified Rating		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.935	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.7	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	17.2	MPa	ASTM D638
Flexural Modulus - 1% Secant	601	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Low Temperature Impact			ARM
3.18 mm	61.0	J	
-40°C, 6.35 mm	203	J	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	50.0	°C	
1.8 MPa, Unannealed	35.0	°C	
NOTE			
1.	51 mm/min		

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