NEXEO° solutions HIVAL® 103538

Nexeo Solutions, LLC. - Linear Low Density Polyethylene

Monday, November 10, 2014

General Information					
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Material Status	Commercial: Active				
Availability	North America				
Additive	Antioxidant	UV Stabilizer			
Features	Antioxidant	Good UV Resistance	Hexene Comonomer		
Uses	General Purpose				
Forms	Pellets				
Processing Method	Rotational Molding				

ASTM & ISO Properties ¹				
Physical	Nominal Value	Unit	Test Method	
Specific Gravity	0.938		ASTM D792	
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5	g/10 min	ASTM D1238	
Environmental Stress-Cracking Resistance			ASTM D1693	
10% Igepal	30.0	hr		
100% Igepal	1000	hr		
Mechanical	Nominal Value	Unit	Test Method	
Flexural Modulus	102000	psi	ASTM D790	
Impact	Nominal Value	Unit	Test Method	
Tensile Impact Strength	69.1	ft·lb/in²	ASTM D1822	

Notes

¹ Typical properties: these are not to be construed as specifications.



The information presented on this datasheet was acquired by UL Prospector from the producer of the material. UL Prospector makes substantial efforts to assure the accuracy of this data. However, UL Prospector assumes no responsibility for the data values and strongly encourages that upon final material selection, data points are validated with the material supplier.