

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/in ²	ASTM D1822

Notes

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