

Icorene 3950S-2A736G VOLVO GRAY

LyondellBasell Industries - Linear Low Density Polyethylene

General Information

Product Description

General purpose linear low density polyethylene compound with part to part consistency.
Available as pellet or powder.

General

Additive	• UV Stabilizer
Features	• Good Moldability • UV Stabilized
Uses	• General Purpose
Appearance	• Black • Colors Available
Forms	• Powder
Processing Method	• Rotational Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.939		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (ESCR) 100% Igepal, Compression Molded, F50	> 1000	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield, Compression Molded)	2900	psi	ASTM D638
Tensile Elongation ² (Yield, Compression Molded)	13	%	ASTM D638
Flexural Modulus - 1% Secant (Compression Molded)	113000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Impact Strength			ARM
-40°F, 0.125 in, Rotational Molded	54	ft-lb	
-40°F, 0.250 in, Rotational Molded	195	ft-lb	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 66 psi, Unannealed, Rotational Molded	140	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed, 0.125 in, Rotational Molded	102	°F	ASTM D648

Notes

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

² Type IV, 2.0 in/min