

ICORENE® 3950S

Linear Low Density Polyethylene

A. Schulman Inc.

Message:

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

General Information			
Additive	UV stabilizer		
Features	Good formability		
Uses	General		
Appearance	Black		
	Available colors		
Forms	Powder		
	Particle		
Processing Method	rotomolding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	0.937	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal, Compression Molded, F50)	> 1000	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield, Compression Molded)	20.0	MPa	ASTM D638
Tensile Elongation ³ (Yield, Compression Molded)	13	%	ASTM D638
Flexural Modulus - 1% Secant (Compression Molded)	779	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Impact Strength (-40°C, 3.18 mm, Rotational Molded)	73	J	ARM
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	60.0	°C	ASTM D648
Additional Information			
Test data for natural, unpigmented resin.			
NOTE			
1.	compression molded		
2.	Type 4, 51mm/min		
3.	Type 4, 51mm/min		

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Recommended distributors for this material

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