

SCHULINK® XL 350-S

Crosslinked Polyethylene

A. Schulman Inc.

Message:

SCHULINK® XL 350-S is a Crosslinked Polyethylene product. It can be processed by rotational molding and is available in North America. Primary characteristic: flame rated.

General Information			
UL YellowCard	E51193-242116		
Appearance	Black		
	Natural Color		
Forms	Pellets		
	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	0.942	g/cm ³	ASTM D792
Environmental Stress-Cracking Resistance (100% Igepal, Compression Molded, F50)	> 1000	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield, Rotational Molded)	19.3	MPa	ASTM D638
Tensile Elongation ³ (Break, Rotational Molded)	350	%	ASTM D638
Flexural Modulus - 1% Secant (Rotational Molded)	703	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Impact Strength (-40°C, 3.18 mm, Rotational Molded)	83	J	ARM
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Rotational Molded)	63.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (Any Color)	HB		UL 94
NOTE			
1.	Compression Molded		
2.	51 mm/min		
3.	51 mm/min		

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Recommended distributors for this material

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