

Technical Data

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SchuLink XL 350

Long term UV6 stabilization
NATURAL/COLORS/BLACK

SchuLink XL 350 is a cross-linkable high density polyethylene used for rotational molding. This resin offers high impact strength, good abrasion resistance, good stiffness, and excellent environmental stress crack resistance. It is typically used for chemical containment and gas tanks.

RESIN PROPERTIES	TEST METHOD	TEST PARAMETERS	UNIT	TYPICAL VALUE
Melt index	ASTM D-1238	2.16/190	g/10 min	n/a
Density	ASTM D-792	-----	g/cc	.942

TYPICAL PHYSICAL PROPERTIES

Tensile Strength	ASTM D-638	@ yield, 2"/minute	Mpa psi	19.3 2,800
Ultimate Elongation	ASTM D-638	2"/minute	%	350
ESCR	ASTM D-1693	100% Igepal	hours F50	>1000
Flexural Modulus	ASTM D-790	@ 1% Secant	Mpa psi	689 100,000
Heat Distortion	ASTM D-648	@ 66 psi	°C	60
Impact	ARM	(-40°C) 1/8" Specimen	ft – lbs.	61

APPROVALS

UL	94	Any colors	@ 1.55 mm	UL94HB
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Tested and approved against NMMA, ISO and RINA for use in plastic marine fuel tanks.

09/01

Values listed are typical properties and should not be used as specification limits. Physical properties are based on rotationally molded samples from unpigmented resins. Test procedures may have been modified to accommodate laboratory capabilities. Density and ESCR tests were performed on compression molded samples.

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