

# Technical Data

3550 West Market Street Akron, Ohio 44333 Phone 1-800-54-RESIN Fax 1-800-662-7203  
www.aschulman.com • info@aschulman.com

CORPORATE OFFICE



**A. Schulman**  
COMPOUNDING YOUR SUCCESS™

## 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	702 102,000
Heat Distortion	ASTM D-648	@ 66 psi	°C	63
Impact	ARM	(-40°C) 1/8" Specimen	ft – lbs.	61

### APPROVALS

UL	94	Any colors	@1.55 mm	UL94HB
----	----	------------	----------	--------

Tested and approved against NMMA, ISO and RINA for use in plastic marine fuel tanks.

09/04

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.

While the information herein is believed to be reliable and correct, nothing herein is intended and should not be construed as a representation of warranty, express or implied, as to results obtained or to be obtained by others who may make use of this information or with respect to the absence, existence or validity of patent rights, if any, of others involving any composition or process herein referred to; or an inducement or recommendation for the violation of any such patent rights; and responsibility and liability therefore is disclaimed.



MEMBER