

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



SUPERLINEAR XL 0370

NATURAL/COLORS/BLACK

Long term UV8 stabilization

Superlinear XL0370 the "NEXT GENERATION"

With a 20% higher HDT and a 30% increase in stiffness, Superlinear XL0370 expands application options to even greater levels than did Schulman's original Superlinear.

RESIN PROPERTIES	TEST METHOD	TEST PARAMETERS	UNIT	TYPICAL VALUE
Melt index	ASTM D-1238	2.16/190	g/10 min	4.0
Density	ASTM D-792	-----	g/cc	.952

TYPICAL PHYSICAL PROPERTIES

Tensile Strength	ASTM D-638	@ yield, 2"/minute	Mpa psi	24.8 3600
Ultimate Elongation	ASTM D-638	2"/minute	%	195
ESCR	ASTM D-1693	100% Igepal	hours F50	n/a
Flexural Modulus	ASTM D-790	@ 1% Secant	Mpa psi	1102.4 160,000
Heat Distortion	ASTM D-648	@ 66 psi	°C	80
Impact	ARM	(-40°C) 1/8" Specimen	ft - lbs.	65

09/02



MEMBER

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

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