



# XI-30

## Irradiated Crosslinked Polyethylene

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This data sheet property values are typical of the material and are intended to provide guidance to customers; they do not constitute a specification and should not be used for specification development.

PHYSICAL PROPERTIES		TEST METHOD	VALUES	USA UNITS	VALUES	METRIC UNITS
Density - Nominal		ASTM D3575	3	lb/ft <sup>3</sup>	48	kg/m <sup>3</sup>
Tensile Strength		ASTM D3575	100	psi	689	kPa
Tear Strength		ASTM D3575	11	lb/in	196	kg/m
Elongation		ASTM D3575	158	%	158	%
Firmness		ASTM D2240	31	Asker C	31	Asker C
Compressive Stress						
Compression Set	50% 24hr	ASTM D3575 Suffix B	<20	%	<20	%
Compression Strength	25%	ASTM D3575 Suffix D	7	psi	48	kPa
	50%		18		124	
Working Temperature Range		Internal Test	-100 to 215	°F	-73.33 to 102	°C
Water Absorption 7 Days		ASTM-D1667	.05	Lbs./sq.ft		
Flammability		FMVSS302	Does Not Pass			

ADDITIONAL ASPECTS
Stock colors available: Charcoal, and Natural

\*Testing done according to ASTM D3575 & ASTM C177 (thermal conductivity) standards.

The data represented on this technical data sheet should be used as a guideline for product selection. This data is not intended to represent, replace or be used as a proxy for a specific product sales specification. The physical properties are averages based on limited production runs and are subject to change as additional data becomes available.