



XEV-20

**2 Stage Crosslinked Polyethylene
With EVA (Ethylene Vinyl Acetate)**

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.

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PHYSICAL PROPERTIES		TEST METHOD	VALUES	USA UNITS	VALUES	METRIC UNITS
Density - Nominal		ASTM D3575	2	lb/ft ³	31.5	kg/m ³
Tensile Strength - MD		ASTM D3575	44	psi	303.37	kPa
Tensile Strength - TD		ASTM D3575	38	psi	262	kPa
Tear Strength - MD		ASTM D3575	9	lb/in	160.72	kg/m
Tear Strength - TD		ASTM D3575	11	lb/in	196.44	kg/m
Elongation - MD		ASTM D3575	137	%	Pending	%
Elongation - TD		ASTM D3575	117	%		%
Firmness		ASTM D3575	55	Shore 00	55	Shore 00
Compressive Stress						
Compression Set	50% 24hr	ASTM D3575	<28	%	<28	%
Compression Strength	25%	ASTM D3575	3	psi	20.68	kPa
	50%	Suffix D	9		62.05	
Working Temperature Range		Internal Test	Δ -.50% at -10°F And Δ1.34 at 215°F			
Water Absorption 7 Days		ASTM-D1667	.005	Lbs./sq.ft		
Flammability		FMVSS 302	PASS			

*Testing done according to ASTM D3575 & ASTM C177 standards.

The data 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.