

ETHYLENE-VINYL ACETATE (EVA)

TECHNICAL DATA SHEET

Physical Properties	Testing Method	Results	Unit	Results	Unit
Density—nominal	ASTM D3575	2,00	lb/ft ³	32,04	kg/m ³
Density—range	ASTM D3575	1,78—2,44		28,59—39,12	
Tensile Strength	ASTM D412	39,60	psi	273,03	kPa
Elongation at Break	ASTM D412	385,00	%	385,00	%
Tear Resistance	ASTM D624	8,20	lb/in	146,44	kg/m
Hardness Shore OO	ASTM D2240	44,10	Shore OO	44,10	Shore OO
Working Temperature Range	Internal Test	-40 à 212	°F	-40 à 100	°C
Water Absorption (7 days)	Internal Test	Pending	% Vol. (max)	Pending	% Vol. (max)
Flammability	FMVSS 302	Pas	-	Pas	-
Thermal Conductivity at 500°F	ASTM C177	Pending	W/mK	Pending	W/mK
Thermal Stability (24h at 158°F)	ASTM D3575	Pending	% of change	Pending	% of change
Compressive Stress					
Compression Set 25% 1/2 hour 25% 24 hours 50% 1/2 hour 50% 24 hours	ASTM D3575 Suffix B	Pending Pending 39,87 13,10	%	Pending Pending 39,87 13,10	%
Compressive Strength 10% 25% 40% 50%	ASTM D3575 Suffix D	Pending 5,00 Pending 12,10	psi	Pending 34,47 Pending 82,74	kPa
This product is a closed cell chemically "cross-linked" polyethylene foam in bun form. MSDS sheets available on demand. Standard colors or Gray and Black.					

AVAILABLE SIZES

6 ft x 4 pi x 3 in (1829 mm x 1219 mm x 76 mm)

6 ft x 4 pi x 4 in (1829 mm x 1219 mm x 102 mm)

ISO 9001:2015

Certified quality management system ISO 9001:2015

Polyform has been a leader in the plastics industry for over 50 years. The company has developed a great expertise in working with various raw materials. To learn more about technical data or other available materials, do not hesitate to contact your representative or our team at : sales@polyform.com.



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