

ETHAFOAM® SYNERGY® ELASTOMER

TECHNICAL DATA SHEET

Physical Properties	ASTM Testing Method	Unit	MP	HP
Density	D3575 Suffix W, Method B; ISO 845	pcf (kg/m ³)	2,0 (32)	4,0 (64,1)
Cell Size	D3576-04 Modified	mm	1	0,6
Compression Set	D3575-08 Suffix B (50% comp.)	%	< 20	< 20
Compression Creep	D3575-08 Suffix BB à 5psi (34,5kPa)/1000 hrs	%	< 10	< 10
Compressive Deflection 10% 25% 50%	D3575-08 Suffix D	Psi (kPa)	6 (41) 8 (55) 17 (117)	15 (103) 18 (124) 30 (207)
Water Absorption	D3575, Suffix L	lb/ft ² (kg/m ²)	< 0,3 (1,5)	< 0,05 (0,24)
Thermal Conductivity at 75°F (24°C)	D3575 Suffix V; EN 28301; ISO 2581	BTU-in/hr-ft ² -°F (W/m K)	0,43 (0,058)	0,40 (0,054)
Thermal Stability	D3575, Suffix S; ISO 2796	%	< 2	< 2
Buoyancy	D3575 Suffix AA	pcf (kg/m ³)	58 (929)	56 (897)
Tensile Elongation At 1/2 thickness	D3575 Suffix T; ISO 1798	%	60	80
Tensile Strength 1/2 thickness	D3575 Suffix T; ISO 1798	psi (kPa)	35 (241)	55 (379)
Tear Strength 1/2 thickness	D3575-08 Suffix G	lb/in (N/mm)	9 (1,6)	12 (2,1)

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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