

# STRATOCELL® ELASTOMER

## TECHNICAL DATA SHEET

Physical Properties	Testing Methods	Unit	Results
Density	ASTM D3575-00	lb/ft <sup>3</sup>	1,4—1,9
Cell Size	ASTM D3576 Modified	mm	1,9
Compression Set	ASTM D3575-00 Suffix B	%	< 25
Compression Creep	ASTM D3575-00 Suffix BB 168 hr	%	< 10 à 1,0 psi
Compressive Strength 25% 50%	ASTM D3575-00 Suffix D	psi	5 11
Water Absorption	ASTM D3575-00 suffix L	lb/ft <sup>2</sup>	0,2
Thermal Conductivity	ASTM C518-91	BTU-in/hr-ft <sup>2</sup> -°F	0,49
Thermal Stability	ASTM D3575-00 suffix S	%	< 5
Contact Corrosivity	Method 3005 FED STD. 101	-	-
Thermal Resistance	ASTM C518-91	hr-ft <sup>2</sup> -°F/BTU	2,0
Tensile Strength 1/2 thickness	ASTM D3575-00 Suffix T (md/cmd)	psi	22
Tear Resistance 1/2 thickness	ASTM D3575-00 Suffix G (md/cmd)	lb/in	7

### 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](mailto:sales@polyform.com).



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