

**Product Class: Cork / Rubber**

<u>Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Density	ASTM D3676	53.1 lbs./ft <sup>3</sup> (0.85 g/cm <sup>3</sup> )
Tensile Strength	ASTM F152	400 lbs./in <sup>2</sup> (2.7 MPa)
Compression @ 300 psi	ASTM F36	20% (Recovery 95%)
@ 400 psi		26% (Recovery 80%)
Flexibility	ASTM F147	3 max.
Shore A Hardness	ASTM D2240	70
Compression Set B	ASTM D395	55% max.
25% deflection, 22 hrs. @ 158°F		
Fluid Immersion	ASTM F146	change in volume
Oil 1	70 hrs. @ 212°F	-5 to +20%
Oil 3	70 hrs. @ 212°F	+5 to +35%
Fuel A	22 hrs. @ 75°F	0 to +15%
Temperature Range	- 40° to + 250°F (-40° to + 121°C)	
Meets the following specs:	ASTM F104 F225000 M2 T AMS-C-6183 (previously MIL-C-6183b) Type I or II, Class 2, Grade C	

This material has a shelf life of 5 years from date of manufacture when protected from environmental extremes.

*The values shown represent current production and may vary under different conditions.*

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Approved By: W.Welch

Doc Name:	Public Spec E50 (8026)
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Revision	Date	Revised by	Changes
New	6/21/2016	W.Welch	Creation of the Public Spec.
1	6/7/2019	W.Welch	Three year review; no change.
2	8/1/2022	W.Welch	Added part number; updated Immersion & specs.