Versaflex™ AD7-084B

Thermoplastic Elastomer

Key Characteristics

General	
Material Status	• Commercial: Active
Regional Availability	• Africa & Middle East • Asia Pacific • Latin America • North America

Technical Properties [1]

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	0.870	0.870	ASTM D792
Molding Shrinkage - Flow	0.036 to 0.040 in/in	3.6 to 4.0 %	ASTM D955
Elastomers	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Stress [2, 3] (100% Strain, 73°F (23°C))	14.9 psi	0.103 MPa	ASTM D412
Tensile Stress [2, 3] (300% Strain, 73°F (23°C))	35.0 psi	0.241 MPa	ASTM D412
Tensile Strength [2, 3] (Break, 73°F (23°C))	300 psi	2.07 MPa	ASTM D412
Tensile Elongation [2, 3] (Break, 73°F (23°C))	1100 %	1100 %	ASTM D412
Tear Strength	50.0 lbf/in	8.76 kN/m	ASTM D624
Compression Set (73°F (23°C), 22 hr)	23 %	23 %	ASTM D395
Hardness	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Durometer Hardness			ASTM D2240
Shore A, 10 sec, 73°F (23°C)	3	3	
Fill Analysis	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Apparent Viscosity			ASTM D3835
392°F (200°C), 11200 sec^-1	2.20 Pa·s	2.20 Pa·s	

Notes

[1] Typical values are not to be construed as specifications.

[2] Die C

[3] 2 hr

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