



Avalon[®] 56 Sealing Solutions

Compound No./Material Name: Avalon[®] 56	Material Description: PTFE, Virgin, Modified	Color: White
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Description (ASTM Standard)	Typical
Physical & Mechanical Properties	
Specific Gravity (D792)	2.18
Tensile Strength, psi [MPa] (D4894)	5,000 [34.5]
Elongation, % (D4894)	500
Deformation under 2,000 psi [13.8 MPa] @ 72°F [22°C], % (D621)	3.2
Shear Strength @ 80°F [27°C], psi [MPa] (D732)	2,400 [16.5]
Shear Strength @ 100°F [38°C], psi [MPa] (D732)	2,200 [15.2]
Shear Strength @ 150°F [66°C], psi [MPa] (D732)	1,850 [12.8]
Shear Strength @ 200°F [93°C], psi [MPa] (D732)	1,700 [11.7]
Shear Strength @ 300°F [149°C], psi [MPa] (D732)	1,500 [10.3]
Shear Strength @ 400°F [204°C], psi [MPa] (D732)	1,350 [9.3]

Notes:

1. Specification: *Greene Tweed Internal.*
2. Reference *GTC Stock/Solid Code. 356.*

Contact Us

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04/19-GT TPS-US-AS-031