

The physical property values of Polycon[®] 01A

Properties	ASTM	Unit	Value
Tensile Strength	D4894	PSI [MPa]	4,800 [33.1]
Tensile Modulus	D4894	PSI [MPa]	-
Elongation	D4894	%	320
Compressive Strength ¹	D695	PSI [MPa]	2,300 [15.9]
Compressive Modulus	D695	PSI [MPa]	75,000 [517]
Deformation Under Load ²	D621	%	10
Hardness	D2240	Shore D	60
Specific Gravity	D792	-	2.16
Coefficient of Friction	-	-	.05-.09

1. Compressive Strength was tested at 10% strain
2. Deformation Under Load was tested at 2,000 psi for 24 hours.
3. All testing is performed at room temperature unless otherwise specified.

NOTE: The information contained herein are typical values which falls within the normal range of properties. All information are intended for reference and comparison purposes only as general guideline for use at user discretion. They should not be used as a basis for design specifications or quality control. Polymer Concepts do not guarantee any specific result and assume no obligation or liability for any advice furnished by it or for results obtained with respect to the products.

Material

- Premium Virgin PTFE

Features/Benefits

- FDA approved
- Suitable for food contact
- Excellent chemical resistance
- Excellent electrical insulating properties
- Low gas permeability
- Good cryogenic properties
- Recommended for static and vacuum service

Working Temperature Range

- -450°F to +570°F
[-268°C to +300°C]

Color

- White

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