

Technisches Datenblatt

Fibracon[®] PTFE + 25% Carbon filled

Typische Eigenschaften

- Particularly low wear when lubricated with water
- Reduced deformation under load (improved compressive strength)
- Improved thermal and electrical conductivity

Typische Industrien

- Chemischer Behälter- und Anlagenbau
- Fahrzeugbau
- Elektronik
- Öl und Gas
- Maschinen- und Anlagenbau
- Healthcare
- Lebensmittelindustrie
- Windkraft

	Testverfahren	Einheit	Wert
Allgemeine Eigenschaften			
Bulk Density	ASTM D4894	g/l	600
Specific Gravity	ASTM D4894	-	2.10-0.03
Mechanische Eigenschaften			
Tensile Strength (Cross Direction)	ASTM D4894	MPa	Min.15
Elongation (Cross Direction)	ASTM D4894	%	Min.90
Ball Hardness	ISO 2039	MPa	45 ± 2
Deformation Under Load	ASTM D621	%	5 - 7
Thermische Eigenschaften			
Gebrauchstemperaturbereich		°C	-200 to +260
Elektrische Eigenschaften			
Volume Resistivity	ASTM D257	Ωcm	10 ⁴

This data provides typical values on a small selection of properties of the material and should only be used as a guide to the generic material performance.

