

CoorsTek PolyGlyde™ 3000 Self-Lubricating Seal

Category : Polymer

Material Notes:

PolyGlyde seals offer low heat generation in high-friction and high-stress environments. These seals provide superior performance over traditional carbon materials: runs cooler – even in dry-running situations, leak-tight material, greater durability, less wear debris – runs cleaner, broader resistance to chemical attack, suitable for fluid and gas applications, lapping of seal face not necessary, and exceptionally stable.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CoorsTek-PolyGlyde-3000-Self-Lubricating-Seal.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.10 g/cc	2.10 g/cc	ASTM-D792
Deformation	10.2 %	10.2 %	24 hrs.; ASTM-D621
	@Pressure 13.8 MPa, Temperature 25.6 °C	@Pressure 2000 psi, Temperature 78.0 °F	
	18.3 %	18.3 %	24 hrs.; ASTM-D621
	@Pressure 4.14 MPa, Temperature 260 °C	@Pressure 600 psi, Temperature 500 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	15.5 MPa	2250 psi	ASTM-D1457
Elongation at Break	175 %	175 %	ASTM-D1457
Flexural Strength	15.2 MPa	2200 psi	ASTM-F417
Flexural Modulus	0.00862 GPa	1.25 ksi	ASTM-D790
Compressive Strength	42.1 MPa	6100 psi	ASTM-C773

Thermal Properties	Metric	English	Comments
CTE, linear	17.8 µm/m-°C	9.90 µin/in-°F	ASTM-D696
Thermal Conductivity	0.692 W/m-K	4.80 BTU-in/hr-ft²-°F	
Maximum Service Temperature, Air	260 °C	500 °F	

Descriptive Properties	Value	Comments
Color	Black	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China