

SlideRite P314

Features:

- No Lubrication Required
- High Load Bearing
- Excellent Abrasion Resistance
- Low Friction
- Good Temperature Stability

Suitable for:

- Moderate Rotating or Oscillating Speeds
- Dry Running
- Water Lubricated
- Grease or Oil Lubricated

Applications:

- Off Shore and Down Hole Oil bearings
- Civil and Marine Bearings
- Construction and Agricultural Applications
- Material Handling equipment
- Waste Water & Sewage
- Hydraulic Cylinder Wear Rings

Property	Unit		Values	
compressive strength	(MPa)	Psi	372	54000
shear strength	(MPa)	Psi	105	15200
modulus of elasticity	(MPa)	Psi	1600	232000
hardness	Rockwell "R"		120	
density	(10 ³ kg/m ³)	(lb/in ³)	1.35	0.084
water absorption	(%)		<0.09	
coefficient of thermal expansion	(10 ⁻⁶ /°C)	(10 ⁻⁶ /°F)	50	28
chemical resistance	(-)		good	
color	(-)		red-pink	
maximum temperature	(°C)	°F	150	302
minimum temperature	(°C)	°F	<-200	<-330
advised maximum working temperature	(°C)	°F	100	212
typical friction value	(-)		0.05 – 0.09	
general wear resistance	(-)		excellent	
resistance against abrasive wear	(-)		excellent	

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