

SlideRite P302

Features:

- No Lubrication Required
- High Load Bearing
- Long Wearing
- Low Friction
- Good Temperature Stability

Suitable for:

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

Applications:

- Marine Bearings
- Hydro Bearings
- Pump Bearings
- Construction and Agricultural Applications
- Rail and Transportation
- 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"		100	
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	(-)		tan	
maximum temperature	(°C)	°F	150	302
minimum temperature	(°C)	°F	<-200	<-330
advised maximum working temperature	(°C)	°F	100	212
typical friction value	(-)		0.04 – 0.08	
general wear resistance	(-)		excellent	
resistance against abrasive wear	(-)		very good	

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