

SlideRite P302-HT

Features:

- No lubrication Required
- Very High Loads
- Long Wearing
- Low Friction
- High Temperature Resistance

Suitable for:

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

Applications:

- Marine Bearings
- Hydro Bearings
- Steel Mill Applications
- Construction and Agricultural Applications
- Material Handling Equipment
- Hydraulic Cylinder Wear Rings

Property	Unit		Values	
compressive strength	(MPa)	Psi	390	56500
shear strength	(MPa)	Psi	110	15900
modulus of elasticity	(MPa)	Psi	2200	319000
hardness	Rockwell "R"		125	
density	(10 ³ kg/m ³)	(lb/in ³)	1.4	0.087
water absorption	(%)		<0.09	
coefficient of thermal expansion	(10 ⁻⁶ /°C)	(10 ⁻⁶ /°F)	35	19
chemical resistance	(-)	(-)	good	good
color	(-)		light brown	
maximum temperature	(°C)	°F	250	482
minimum temperature	(°C)	°F	<-200	<-330
advised maximum working temperature	(°C)	°F	180	356
typical friction value	(-)		0.06 – 0.10	
general wear resistance	(-)		very good	
resistance against abrasive wear	(-)		excellent	

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