

# SlideRite P312-PTFE

## Features:

- No Lubrication Required
- High Load Bearing
- Long Wearing
- Very Low Friction
- Good Edge Loading

## Suitable for:

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

## Applications:

- Marine Bearings
- Off Shore Oil Bearings
- Hydro Bearings
- Pump Bearings
- Structural & Civil Bearings
- Hydraulic Cylinder Wear Rings

Property	Unit		Values	
compressive strength	(MPa)	Psi	300	43500
shear strength	(MPa)	Psi	95	13700
modulus of elasticity	(MPa)	Psi	1600	232000
hardness	Rockwell "R"		118	
density	(10 <sup>3</sup> kg/m <sup>3</sup> )	(lb/in <sup>3</sup> )	1.35	0.084
water absorption	(%)		<0.09	
coefficient of thermal expansion	(10 <sup>-6</sup> /°C)	(10 <sup>-6</sup> /°F)	50	28
chemical resistance	(-)		good	
color	(-)		tan + black	
maximum temperature	(°C)	°F	150	302
minimum temperature	(°C)	°F	<-200	<-330
advised maximum working temperature	(°C)	°F	100	212
typical friction value	(-)		0.03 – 0.07	
general wear resistance	(-)		excellent	
resistance against abrasive wear	(-)		very good	

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