

SlideRite P103

Features:

- Economy Composite
- No lubrication Required
- High Load Bearing
- Long Wearing
- Low Friction

Suitable for:

- Slow Rotating or Oscillating Action
- Boundary Lubricated Applications
- Water Lubricated
- Grease or Oil Lubricated

Applications:

- Marine Bearings
- Hydro Bearings
- Pump Bearings
- Hydraulic Cylinder Wear Rings

Property	Unit		Values	
compressive strength	(MPa)	Psi	325	47100
shear strength	(MPa)	Psi	95	13700
modulus of elasticity	(MPa)	Psi	2000	290000
hardness	Rockwell "R"		120	
density	(10 ³ kg/m ³)	(lb/in ³)	1.25	0.045
water absorption	(%)		<0.09	
coefficient of thermal expansion	(10 ⁻⁶ /°C)	(10 ⁻⁶ /°F)	65	36
chemical resistance	(-)		good	
color	(-)		blue	
maximum temperature	(°C)	°F	130	270
minimum temperature	(°C)	°F	<-200	<-330
advised maximum working temperature	(°C)	°F	80	176
typical friction value	(-)		0.05 – 0.10	
general wear resistance	(-)		very good	
resistance against abrasive wear	(-)		good	

MCP LLC

**P.O. Box 14
5895 Beach Road
Sharon Center, OH 44274**

**Phone: 330-419-1003
Email: mdolinar@mcp-na.com**

Website: www.mcp-na.com

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