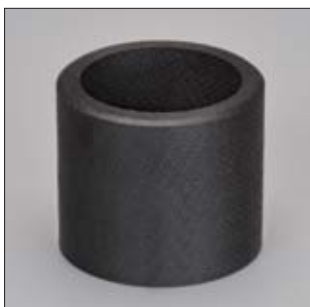


CRF Bearings



■ Material structure

Materials: Continuous wound high-strength fiber encapsulated in a special internally lubricated, high-strength filled resin.

Technical data

Material properties	Standard	Unit	CRF
Density	ISO1183	g/cm ³	1.30
Max. water absorption	ISO62	%	0.1
Max. PV (dry)	ITS026	N/mm ² ×m/s	1.0
Coefficient of friction	ITS025	μ	0.05~0.15
Long-term application temperature	ITS029	°C	+130
Short-term application temperature	ITS029	°C	+160
Lowest application temperature	ITS029	°C	-40
Max. Speed	ITS032	m/s	0.13
Compressive strength	ITS033	MPa	150
Max. static load	ITS027	MPa	150
Max. dynamic load	ITS028	MPa	75
Linear coef. of thermal Expansion (25 ~ 150°C)	ISO11359	10 ⁻⁶ ×K ⁻¹	50

*ITS: CSB company's internal test standards.

**Test temperatures are 23°C unless otherwise stated.

Typical features

Suitable for oil and water lubricating applications
 Excellent wear resistance in liquids
 Completely machinable
 Oil allowed

Typical applications

Marine and hydraulic machinery
 Door bushes
 Cylinder guide bushing
 Piston guide ring