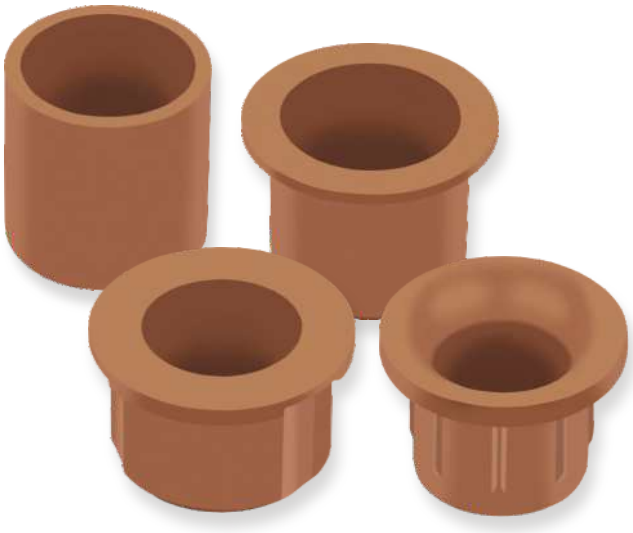
Multilube

THERMOPLASTIC PLAIN BEARINGS



APPLICATIONS

Industrial – Linkages, seat suspensions

CHARACTERISTICS

- Good bearing performance in dry working conditions.
- Good bearing performance in lubricated or marginally lubricated applications
- Corrosion resistant in humid/saline environments
- Good price performance ratio
- Very good weight performance ratio
- Within injection moulding tool feasibility unlimited dimensions and design features

AVAILABILITY

Bearing forms made to order: Cylindrical bushings, flanged bearings, thrust washers, sliding plates, half-bearings, customized bearing designs

compliant RoHS

For questions and assistance, contact a GGB engineer at: **https://www.ggbearings.com/en/contact**

BEARING PROPERTIES		UNITS	VALUE
GENERAL			
Maximum load, p	Static	N/mm^2	60
	Dynamic	N/mm^2	30
Operating temperature	Min	°C	- 40
	Max	°C	80
	Momentary	°C	120
Coefficient of linear thermal expansion		$10^{-6}/K$	101
DRY			
Maximum sliding speed, U		m/s	1.5
Maximum pU factor		N/mm^2 x m/s	0.6
Coefficient of friction, f			0.1 - 0.2
RECOMMENDATIONS			
Shaft surface roughness, Ra		µm	0.2 - 0.8
Shaft surface hardness	Normal	HB	> 200
	For longer service life	HB	> 350

OPERATING PERFORMANCE	
Dry	Good
Oil lubricated	Good
Grease lubricated	Good
Water lubricated	Fair
Process fluid lubricated	Fair

OPERATING PERFORMANCE	
Water lubricated	EP22
Process fluid lubricated	EP22

MICROSECTION

POM + Solid Lubricant + Fillers