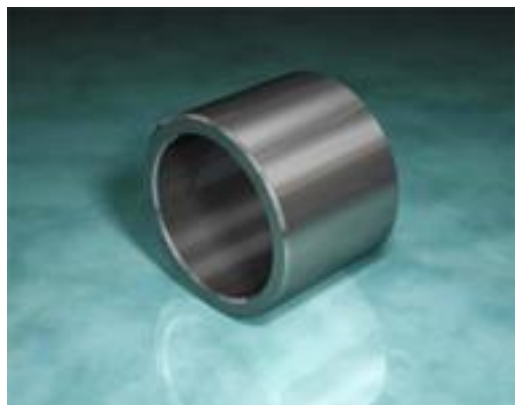


Datasheet AS TEMPGM



- Dry self-lubricating
- Resistent to edge loading
- High impact resistance
- Excellent vibration dampening
- Thick walled according to DIN 1850
- Low friction factor, either static or dynamic
- Minimized wear and excellent service life
- Good chemical strength
- Ideal for rotary, swinging or linear movements
- Good chemical resistance
- Easy to assembly
- Wide range of standard items available
- Special items on demand

(1): Hardness rockwell: HRM.
(2): Hardness rockwell: HRC.
(3): Coefficient of friction dynamic: oil/grease.

Material	
Material	Thermoplastic

Availability	Unit	Value
Min. inside diameter	mm	On request
Max. inside diameter	mm	On request
Length standard	mm	On request

Physical Properties	Test Standard	Unit	Value
Density	ASTM D792	g/cm ³	1.14
Max. swell in water at 20 °C	ASTM D570	%	-

Mechanical Properties	Test Standard	Unit	Value
Compressive strength static	ASTM D695	MPa	-
Compressive strength dynamic	ASTM D695	MPa	-
Module of elasticity	ASTM D695	MPa	3700
Tensile strength	ASTM D3410	MPa	85
Shear strength	ASTM D3410	MPa	-
Impact strength	ASTM D256	kJ/m ²	-
Hardness rockwell	ASTM D785	HRM/HRC	> 200

Thermal Properties	Test Standard	Unit	Value
Thermal expansion	ASTM D696	K	4
Min. working temperature		°C	-
Max. working temperature		°C	-
Intermittent working temperature		°C	-

Friction Properties	Test Standard	Unit	Value
Dry coefficient of friction		Dry	0.27-0.29
Linear velocity grease lubricated		m/s	-
Linear velocity oil lubricated		m/s	-
Max. pv load grease lubricated		MPa*m/s	-
Max. pv load oil lubricated		MPa*m/s	-
Friction coefficient grease lubricated		μ	-
Friction coefficient oil lubricated		μ	-