DOTMAR
ENGINEERING PLASTICS

MATERIAL DATA SHEET

TICOMP BG

Features

This grade has performance characteristics suitable for either hard or soft metal counter surfaces.

Benefits

This formulation offers the following performance advantages:

- Excellent creep resistance at high temperatures
- Excellent deformation resistance at high temperatures
- Good chemical resistance
- Improved surface hardness
- Good thermal conductivity
- Good electrical conductivity

Typical Applications

- Valve seats - ball and gate·Bearings
- Bearing pads·Piston rings (non-lubricated)
- Hydraulic / pneumatic seals
- Automotive seals (shock absorbers and waterpumps)

Avoid use with Hydrofluoric Acid (HF) and strong alkalis.

PHYSICAL PROPERTIES

TICOMP BG		
TYPICAL PROPERTIES	UNIT	VALUE
Colour		Black
Specific Gravity	g/cm^3	2.06
Hardness	Shore D	63-64
Tensile Strength	MPa	18
Elongation at Break	%	280

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