



TEKSLIDE^{G471}



General purpose dry bearing material for bushing and sliding pads for mechanical applications in general. Slide ways for machine tools.

High wear and abrasion resistance, good compressive properties. Suitable for the majority of dry bearing applications against hard counter-surfaces. Good electrical insulating properties.

PRODUCTS

Moulded tubes
Moulded rods
Moulded sheets
Extruded tubes
Extruded rods
Skived tapes
Machined parts
Piston rings
Bearing tapes

APPLICATIONS

Compressors
Pumps
Wear bands
Automotive
Insulators
Linear Slides

TECHNICAL DATA SHEET TEKSLIDE^{G471}

Properties	Unit	Method	Moulded
PHYSICAL - MECHANICAL			
Density	g/cm ³	ASTM D792	2,20 - 2,30
Hardness - Shore D	/	ASTM D2240	≥ 60
Tensile strength CD	N/mm ²	ASTM D4745	≥ 14
Elongation at break CD	%	ASTM D4745	≥ 170
Compressive strength at 1% deformation	N/mm ²	ASTM D695	≥ 8
Deformation under load at room temperature 24hours at 13,7 N/mm ²	%	ASTM D621	≤ 9
Permanent deformation as above after releasing of 24 hours at room temperature	%	ASTM D621	≤ 4
Dynamic Coefficient of friction (PV = 0,7 N/mm ² •m/s)	/	ASTM D3702	0,05 - 0,20
Wear factor (PV = 0,7 N/mm ² •m/s)	µm/h•N/mm ² •m•min	ASTM D3702	0,010 - 0,020
THERMAL			
Service Temperature (min-max)	°C	/	- 200 / + 260
Thermal expansion coefficient (linear) 25 - 100°C	10 ⁵ /°C	ASTM D696	9 - 11