ADVANCED INDUSTRIAL

HIGH PERFORMANCE PLASTIC SHAPES // PRECISION CNC MACHINED COMPONENTS

TEKSLIDE G729®

Its excellent load and wear characteristics together with the capability to stand a wide range of temperatures, make Tekslide G729 the perfect material for bearings for food and pharmaceutical applications.
High compatibility with a wide range of mating surfaces.
Tekslide G729 is unaffected by all common acids, bases and solvents.

PRODUCTS
Moulded tubes
Moulded rods
Extruded tubes
Extruded rods
Skived tapes
Machined parts
Piston rings
Seals

APPLICATIONS
Compressors
Pumps
Insulators
Wear bands
Automotive
Linear Slides

TECHNICAL DATA SHEET TEKSLIDE® G729

Properties	Unit	Method	Moulded
PHYSICAL - MECHANICAL			
Density	g/cm^3	ASTM D792	2,17 - 2,25
Hardness - Shore D	/	ASTM D2240	≥ 55
Tensile strength CD	N/mm^2	ASTM D4745	≥ 14
Elongation at break	%	ASTM D4745	≥ 200
Compressive strength at 1% deformation	N/mm^2	ASTM D695	≥ 5
Deformation under load at room temperature 24hours at 13,7 N/mm^2	%	ASTM D621	≤ 14
Permanent deformaton as above after releasing of 24 hours at room temeperature	%	ASTM D621	6 - 9
Dynamic Coefficient of friction (PV = 0,7 N/mm^2•m/s)	/	ASTM D3702	0,15 - 0,23
Wear factor (PV = 0,7 N/mm^2 •m/s)	µm/h•N/mm^2•m•min	ASTM D3702	0,015 - 0,023
THERMAL			
Service Temperature (min-max)	°C	/	- 200 / + 260
Thermal expansion coefficient (linear) 25 - 100°C	10^{-5}/°C	ASTM D696	7 - 10