

General information:

Anti-slip polyurethane, provided with a rubber sub-layer for a strong hold on polypropylene, polyethylene and powder-coated materials. Not adhesive on metal, polycarbonate, ABS and acrylic. Strong and wear-proof material, suitable for elastic connections and numerous other technical products. Resembles nylon but absorbs less than 0.5% moisture which enables a higher dimensional stability. Good electrical insulation. Suitable for springy clamp-connections, bearings, gear-wheels etc. POM can be glued.

Physical properties:

Property	Value	DIN
Density (gr/cm ³)	1.42	--
Tensile strength (MN/m ²)	75	53455
Elongation at break (%)	65	53455
Modulus of elasticity (MN/m ²)	3000	53457
Notched impact strength (kJ/m ²)	8.5	53453
Ball indentation hardness (MN/m ²)	140	53456
Continuous operating temperature (max °C)	100	--
Volume resistivity (Ω.cm)	10 ¹⁵	53482
Dielectric dissipation factor tan: (10 ³ Hz)	0.025	53483
Dielectric strength (MV/m)	70	53481
Coefficient of friction (compared with) (--)	0.25	--

Chemical resistance:

Resistance to

Benzine	+	Weak lyes	+
Benzol	+	Strong lyes	0
Mineral oils	+	Weak acids	0
Vegetable oils	+	Strong acids	-

Important note:

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