

#### General information:

A quite strong material which does not absorb moisture and is very scratch-proof. Heat-resistant up to 120°C. Therefore suitable for technical as well as common household products, such as caps, hinges, kitchen utensils etc. It is also used in the electrotechnical industry due to its good insulation property.

#### Physical properties:

Property	Value	DIN
Density (gr/cm <sup>3</sup> )	0.92	--
Tensile strength (MN/m <sup>2</sup> )	32	53455
Elongation at break (%)	350	53455
Modulus of elasticity (MN/m <sup>2</sup> )	1300	53457
Notched impact strength (kJ/m <sup>2</sup> )	6.5	53453
Ball indentation hardness (MN/m <sup>2</sup> )	65	53456
Continuous operating temperature (max °C)	110	--
Volume resistivity (Ω.cm)	10 <sup>16</sup>	53482
Dielectric dissipation factor tan: (10 <sup>3</sup> Hz)	0.0005	53483
Dielectric strength (MV/m)	80	53481
Coefficient of friction (compared with) (--)	0.5	--

#### Chemical resistance:

##### Resistance to

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

##### Important note:

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