

General information:

This thermoplastic resin is suitable amongst others for ball handles and due to its excellent insulating property for electrotechnical components. A solid, scratch-proof plastic with high temperature resistance.

Physical properties:

Property	Value	DIN
Density (gr/cm ³)	1.4	--
Tensile strength (MN/m ²)	--	53455
Elongation at break (%)	--	53455
Modulus of elasticity (MN/m ²)	7000	53457
Notched impact strength (kJ/m ²)	1.7	53453
Ball indentation hardness (MN/m ²)	275	53456
Continuous operating temperature (max °C)	120	--
Volume resistivity (Ω.cm)	10 ¹⁰	53482
Dielectric dissipation factor tan: (10 ³ Hz)	<0.3	53483
Dielectric strength (MV/m)	75	53481
Coefficient of friction (compared with) (--)	0.5	--

Chemical resistance:

Resistance to

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

Important note:

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