

General information:

Used for technical products which require high dimensional stability and durability at higher operating temperatures. Good strength and stiffness in combination with good impact properties. Very suitable for heavy-duty handles.

Physical properties:

Property	Value	DIN
Density (gr/cm ³)	1.35	--
Tensile strength (MN/m ²)	180	53455
Elongation at break (%)	3.5	53455
Modulus of elasticity (MN/m ²)	5700	53457
Notched impact strength (kJ/m ²)	15	53453
Ball indentation hardness (MN/m ²)	120	53456
Continuous operating temperature (max °C)	150	--
Volume resistivity (Ω.cm)	10 ¹⁵	53482
Dielectric dissipation factor tan: (10 ³ Hz)	0.2	53483
Dielectric strength (MV/m)	30	53481
Coefficient of friction (compared with) (--)	0.35	--

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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