

General information:

This kind of brass is very suitable for a treatment with modern chipping machines and can therefore be offered exquisitely competitively. Due to its high stability and chemical resistance as well as its possible surface treatment, this material can be used for standoff insulators in the electrical industry.

Physical properties:

Property	Value	DIN
Density (gr/cm ³)	8.5	--
Tensile strength (MN/m ²)	450	53455
Elongation at break (%)	15	53455
Modulus of elasticity (MN/m ²)	1x10 ⁵	53457
Notched impact strength (kJ/m ²)	--	53453
Ball indentation hardness (MN/m ²)	100	53456
Continuous operating temperature (max °C)	--	--
Volume resistivity (Ω.cm)	66x10 ⁻⁷	53482
Dielectric dissipation factor tan: (10 ³ Hz)	--	53483
Dielectric strength (MV/m)	--	53481
Coefficient of friction (compared with) (--)	--	--

Chemical resistance:

Resistance to

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

Important note:

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