

## General information:

ABS is a plastic material with the right properties for the production of articles of daily use like phone cases, vacuum cleaners, computers etc. It is a tough material, very solid and scratch-resistant. Furthermore, it comes with a pretty surface gloss and is fadeless and resistant to a large number of chemicals.

## Physical properties:

Property	Value	DIN
Density (gr/cm <sup>3</sup> )	1.05	--
Tensile strength (MN/m <sup>2</sup> )	47	53455
Elongation at break (%)	--	53455
Modulus of elasticity (MN/m <sup>2</sup> )	2500	53457
Notched impact strength (kJ/m <sup>2</sup> )	65	53453
Ball indentation hardness (MN/m <sup>2</sup> )	117	53456
Continuous operating temperature (max °C)	75	--
Volume resistivity (Ω.cm)	10 <sup>14</sup>	53482
Dielectric dissipation factor tan: (10 <sup>3</sup> 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	+
Vegetable oils	+	Strong acids	-

## Important note:

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