

# TECHNICAL PLASTIC AND METAL PARTS

Photo clip  
046

Code	Description	Price euro/1000	% Price Change	Package	A	B	C	D	E	F	gr
			1 2								
046 1120 225 11	MP 46- 1-12 GRIGIO	306,00	+ 60%	-	100	11.7	12	16	3.5	25	F2

Colour	Colour number
	(XXX XXXX XXX XX)
<b>Colour description</b> <b>Matches</b> Featured colours reserved. Due to the screen, differences in colour may occur.	

Material		Material nr	
polypropylene PP		11 (XXX XXXX XXX XX)	
<b>General informations:</b>			
Relatively strong material which does not take in moisture and is very well resistant to scratching. Warmth resistant up to 120°C. Therefore suitable for technical as well as domestic products, such as caps, hinges, kitchen utensils. Owing to good insulating properties, often applied to electro-industry.			
<b>Features</b>		<b>Chemical resistance</b>	
feature	DIN	Resistance to	Valutation
Relative density gr/cm <sup>3</sup>	1,57	Petrol	B
Tensile strength MN/m <sup>2</sup>	32	Benzene	C
Elongation at break %	350	Mineral oils	B
Tensile modulus MN/m <sup>2</sup>	1300	Vegetable oils	A
Notched impact strength kJ/m <sup>2</sup>	6.5	Weak alkalis	A
Ball indentation MN/m <sup>2</sup>	65	Strong alkalis	A
Application temperature max °C	110	Weak acids	A
Volume resistivity cm	10^16	Strong acids	B
Dissipation factor tan. 10 <sup>3</sup> Hz	0,0005	<b>A</b> = good <b>B</b> = doubtful <b>C</b> = poor	
Dielectric strength MV/m	80		
Flammability UL94 > 1,6 mm	HB		
Coefficient of friction (on steel)	0,5		
<b>All data are indicative</b>			

Technical informations are indicative and can be updated.

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