

# TECHNICAL PLASTIC AND METAL PARTS

Plug  
108

Code	Description	Price euro/1000	% Price Change 1 2	Package	A	B	C	D	E	F	gr
108 0112 623 01	MP 108-12	193,00	+ 60% -	100	12	80	60	8	10		

Colour	Colour number
grey	623 (XXX XXXX XXX XX)
<b>Colour description</b>	grey
<b>Matches</b>	grey. Matches: Reasonably matches RAL colour 9002
Featured colours reserved. Due to the screen, differences in colour may occur.	

Material		Material nr	
Nylon - 6 PA - 6		01 (XXX XXXX XXX XX)	
<b>General informations:</b>			
A strong, tough and durable material. Suitable for connecting elements and other technical components. Owing to self lubricant properties ideal for slide bearings. Takes in approx 3% moisture at room temperature and is then at its strongest. Always has to acclimatize for a few days. Operational temperature up to approx 120°C. Nylon is self extinguishing.			
<b>Features</b>		<b>Chemical resistance</b>	
feature	DIN	Resistance to	Valutation
Relative density gr/cm <sup>3</sup>	1,14	Petrol	A
Tensile strength MN/m <sup>2</sup>	55	Benzene	A
Elongation at break %	250	Mineral oils	A
Tensile modulus MN/m <sup>2</sup>	950	Vegetable oils	A
Notched impact strength kJ/m <sup>2</sup>	35	Weak alkalis	A
Ball indentation MN/m <sup>2</sup>	82	Strong alkalis	B
Application temperature max °C	120	Weak acids	B
Volume resistivity cm	10^15	Strong acids	C
Dissapation factor tan. 10 <sup>3</sup> Hz	0,2	<b>A = good</b>	
Dielectric strength MV/m	35	<b>B = doubtful</b>	
Flammability UL94 > 1,6 mm	V2	<b>C = poor</b>	
Coefficient of friction (on steel)	0,3		
<b>All data are indicative</b>			

Technical informations are indicative and can be updated.

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