

# TECHNICAL PLASTIC AND METAL PARTS

LED housing  
group  
**014**

Code	Description	Price euro/1000	% Price Change	Package	A	B	C	D	E	F	gr
			1 2								
<b>014 0120 114 02</b>	<b>MP 14-120</b>	<b>159,00</b>	+ 60%	-	250	5	6.7	0.8	1.1	5.8	F1

Colour	Colour number
<b>black</b>	114 (XXX XXXX XXX XX)
<b>Colour description</b>	black
<b>Matches</b>	jet black. Matches: Reasonably matches RAL colour 9005 and TRESPA A90.0.0
Featured colours reserved. Due to the screen, differences in colour may occur.	

Material	Material nr		
Nylon - 66 PA - 66	02 (XXX XXXX XXX XX)		
<b>General informations:</b> A strong, tough and durable material. Suitable for connecting elements and other technical components. Owing to selflubricant properties ideal for slide bearings. Takes in approx 2 % moisture (a little less than nylon-6) and is then at its strongest. Therefore always has to acclimatize for a few days after injection moulding. Operational temperature up to 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>	60	Benzene	A
Elongation at break %	140	Mineral oils	A
Tensile modulus MN/m <sup>2</sup>	1500	Vegetable oils	A
Notched impact strength kJ/m <sup>2</sup>	17	Weak alkalis	A
Ball indentation MN/m <sup>2</sup>	100	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	0,15	<b>A = good</b> <b>B = doubtful</b> <b>C = poor</b>	
Dielectric strength MV/m	30		
Flammability UL94 > 1,6 mm	V2		
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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