

# TECHNICAL PLASTIC AND METAL PARTS



Code	Description	Price euro/1000	% Price Change	Package	A	B	C	D	E	F	gr
167 0035 000 02	MP 167-35	262,00	+ 60%	100	4.8	11.1	11	D1	0.9	5.3	

Colour	Colour number
transparent - natural	000 (XXX XXXX XXX XX)
<b>Colour description</b>	transparent - natural
<b>Matches</b>	Natural matches Milk-like; transparent white colour can differ per kind of material.
Featured colours reserved. Due to the screen, differences in colour may occur.	

Material	Material nr
Nylon - 66 PA - 66	02 (XXX XXXX XXX <b>XX</b> )
<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>	
feature	DIN
Relative density gr/cm <sup>3</sup>	1,14
Tensile strength MN/m <sup>2</sup>	60
Elongation at break %	140
Tensile modulus MN/m <sup>2</sup>	1500
Notched impact strength kJ/m <sup>2</sup>	17
Ball indentation MN/m <sup>2</sup>	100
Application temperature max °C	120
Volume resistivity cm	10 <sup>15</sup>
Dissipation factor tan. 10 <sup>3</sup> Hz	0,15
Dielectric strength MV/m	30
Flammability UL94 > 1,6 mm	V2
Coefficient of friction (on steel)	0,3
<b>All data are indicative</b>	
<b>Chemical resistance</b>	
Resistance to	Valutation
Petrol	A
Benzene	A
Mineral oils	A
Vegetable oils	A
Weak alkalis	A
Strong alkalis	B
Weak acids	B
Strong acids	C
<b>A = good</b> <b>B = doubtful</b> <b>C = poor</b>	

Technical informations are indicative and can be updated.

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