

TECHNICAL PLASTIC AND METAL PARTS



Code	Description	Price euro/1000	% Price Change	Package	A	B	C	D	E	F gr
167 1040 699 02	MP 167-1040 NERO	375,00	+ 60%	100	4.8	12.2	19	D2	0.7	8

Colour	Colour number
black	699 (XXX XXXX XXX XX)
Colour description	black
Matches	brilliant black. Matches: Reasonably matches RAL colour 9005
Featured colours reserved. Due to the screen, differences in colour may occur.	

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

Technical informations are indicative and can be updated.

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machining

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