

TECHNICAL PLASTIC AND METAL PARTS



Code	Description	Price euro/1000	% Price Change	Package	A	B	C	D	E	F	gr
167 1030 699 02	MP 167-1030 NERO	162,00	+ 60%	100	4.8	17.3	11	D2	0.7	13	

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

Technical informations are indicative and can be updated.

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machining

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