

## TECHNICAL PLASTIC AND METAL PARTS

Screw DIN 963, ISO 2009 **080** 

	Code	Description	Price euro/1000	% Price C	hange 2	Package	Α	В	С	D	EF gr
ľ	080 0520 599 02	MP 80- 5-20 NERO	169,00	+ 60%	-	100	M5.0	20	2.7	10.4	

Colour Colour number

black 599 (XXX XXXX XXX XXX)

Colour description black
Matches jet black. Matches: Reasonably matches RAL colour 9005
Featured colours reserved. Due to the screen, differences in colour may occur.

MaterialMaterial nrNylon - 66 PA - 6602 (XXX XXXX XXX)

## **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 strongst. 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  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  Volume resistivity cm  10^15  Strong acids  C  Dissapation factor tan. 10 <sup>3</sup> Hz  Dielectric strength MV/m  30  B = doubtful  C = poor  Coefficient of friction (on steel)  0,3  All data are indicative	1 1,1011 10 0011 01111119						
Relative density gr/cm <sup>3</sup> Tensile strength MN/m <sup>2</sup> Elongation at break %  Tensile modulus MN/m <sup>2</sup> Notched impact strength kJ/m <sup>2</sup> A  Ball indentation MN/m <sup>2</sup> Application temperature max °C  Volume resistivity cm  Dissapation factor tan. 10 <sup>3</sup> Hz  Dielectric strength MV/m  Flammability UL94 > 1,6 mm  Veetrol  A  Petrol  A  Mineral oils  A  Wegetable oils  A  Weak alkalis  B  Weak alkalis  B  Weak acids  B  Strong acids  C  A = good  B = doubtful  C = poor  Coefficient of friction (on steel)	Features		Chimical resistance				
Tensile strength MN/m² 60 Benzene A  Elongation at break % 140 Mineral oils A  Tensile modulus MN/m² 1500 Vegetable oils A  Notched impact strength kJ/m² 17 Weak alkalis A  Ball indentation MN/m² 100 Strong alkalis B  Application temperature max °C 120 Weak acids B  Volume resistivity cm 10^15 Strong acids C  Dissapation factor tan. 10³ Hz 0,15 A = good  Dielectric strength MV/m 30 B = doubtful  Flammability UL94 > 1,6 mm V2  Coefficient of friction (on steel) 0,3	feature	DIN	Resistance to	Valutation			
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Technical informations are indicative and can be updated.

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