

# TECHNICAL PLASTIC AND METAL PARTS

Screw DIN 963,  
ISO 2009  
**080**

Code	Description	Price euro/1000	% Price Change	Package	A	B	C	D	EF gr
			1 2						
<b>080 0520 599 02</b>	<b>MP 80- 5-20 NERO</b>	<b>169,00</b>	+ 60%	-	100	M5.0	20	2.7	10.4

Colour	Colour number
<b>black</b>	599 (XXX XXXX XXX XX)
<b>Colour description</b>	black
<b>Matches</b>	jet 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 <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>		<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 <sup>15</sup>	Strong acids	C
Dissipation factor tan. 10 <sup>3</sup> Hz	0,15	<b>A</b> = good	
Dielectric strength MV/m	30	<b>B</b> = doubtful	
Flammability UL94 > 1,6 mm	V2	<b>C</b> = poor	
Coefficient of friction (on steel)	0,3		
<b>All data are indicative</b>			

Technical informations are indicative and can be updated.

Copyright Gandini Fasteners S.r.l. All rights reserved. No part of this web site may be reproduced in any form without express permission.

**GANDINI FASTENERS SRL** viale Pier Paolo Pasolini, 83 - 20099 Sesto S.Giovanni Milano Italy  
Tel. +39 02 241 047 250 Fax +39 02 241 047 74

Production and distribution  
of fasteners, fixing elements  
and mechanical parts  
machining

**GANDINI FASTENERS SRL**  
viale Pier Paolo Pasolini, 83  
Sesto San Giovanni Mi - Italy

**Sales department**  
250@gandini.it  
tel +39 02 241 047 250

**Administration**  
350@gandini.it  
tel +39 02 241 047 350