

TECHNICAL PLASTIC AND METAL PARTS

Drive fastener
137

Code	Description	Price euro/1000	% Price Change	Package	A	B	C	D	E	F	gr
			1 2								
137 0031 599 05	MP 137-03-1 NERO	121,00	+ 60%	-	500	4.7	1	5.5	10	3	15

Colour	Colour number
black	599 (XXX XXXX XXX XX)
Colour description	black
Matches	jet black. Matches: Reasonably matches RAL colour 9005
Featured colours reserved. Due to the screen, differences in colour may occur.	

Material		Material nr	
Polyoxymethylene (POM) POM		05 (XXX XXXX XXX XX)	
General informations:			
Strong durable material, suitable for flexible connection elements and numerous other technical products. Resembles nylon, yet the taking in of moisture is less than 0,5%, so a higher dimensional stability is reached and is very well insulating electrically. Suitable for suspending clamps, bearings, gear-wheels etc. POM can be glued.			
Features		Chemical resistance	
feature	DIN	Resistance to	Valutation
Relative density gr/cm ³	1,42	Petrol	A
Tensile strength MN/m ²	75	Benzene	A
Elongation at break %	65	Mineral oils	A
Tensile modulus MN/m ²	3000	Vegetable oils	A
Notched impact strength kJ/m ²	8.5	Weak alkalis	A
Ball indentation MN/m ²	140	Strong alkalis	B
Application temperature max °C	100	Weak acids	-
Volume resistivity cm	10^15	Strong acids	C
Dissapation factor tan. 10 ³ Hz	0,025	A = good	
Dielectric strength MV/m	70	B = doubtful	
Flammability UL94 > 1,6 mm	HB	C = poor	
Coefficient of friction (on steel)	0,25		
All data are indicative			

Technical informations are indicative and can be updated.

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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