

TECHNICAL PLASTIC AND METAL PARTS

Gear wheel
104

Code	Description	Price euro/1000	% Price Change		Package	A	B	C	D	E	F	gr
			1	2								
104 0017 000 05	MP 104-17	14.571,00	+ 60%	-	1	2	18	8	18	15	25	

Colour	Colour number
transparent - natural	000 (XXX XXXX XXX XX)
Colour description transparent - natural Matches Natural matches Milk-like; transparent white colour can differ per kind of material. 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	
feature	DIN
Relative density gr/cm ³	1,42
Tensile strength MN/m ²	75
Elongation at break %	65
Tensile modulus MN/m ²	3000
Notched impact strength kJ/m ²	8.5
Ball indentation MN/m ²	140
Application temperature max °C	100
Volume resistivity cm	10^15
Dissapation factor tan. 10 ³ Hz	0,025
Dielectric strength MV/m	70
Flammability UL94 > 1,6 mm	HB
Coefficient of friction (on steel)	0,25
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	-
Strong acids	C
A = good B = doubtful C = poor	

Technical informations are indicative and can be updated.

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