

TECHNICAL PLASTIC AND METAL PARTS

Saddlewasher
102

Code	Description	Price euro/1000	% Price Change 1	% Price Change 2	Package	A	B	C	D	E	F	gr
102 0200 000 01	MP 102-20	227,00	+ 60%	-	100	18	20	6.2	19	2.7	8	

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	
Nylon - 6 PA - 6		01 (XXX XXXX XXX XX)	
General informations:			
A strong, tough and durable material. Suitable for connecting elements and other technical components. Owing to self lubricant properties ideal for slide bearings. Takes in approx 3% moisture at room temperature and is then at its strongest. Always has to acclimatize for a few days. Operational temperature up to approx 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	55	Benzene	A
Elongation at break %	250	Mineral oils	A
Tensile modulus MN/m ²	950	Vegetable oils	A
Notched impact strength kJ/m ²	35	Weak alkalis	A
Ball indentation MN/m ²	82	Strong alkalis	B
Application temperature max °C	120	Weak acids	B
Volume resistivity cm	10^15	Strong acids	C
Dissapation factor tan. 10 ³ Hz	0,2	A = good	
Dielectric strength MV/m	35	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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