

TECHNICAL PLASTIC AND METAL PARTS

Paperclip
044

Code	Description	Price euro/1000	% Price Change		Package	A	B	C	DE	F	gr
			1	2							
044 0003 087 01	MP 44- 3 BLU	157,00	+ 60%	-	50	52	32	25		F1	

Colour	Colour number
blue	087 (XXX XXXX XXX XX)
Colour description blue Matches blue. Matches: Reasonably matches RAL colour 5017 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 B = doubtful C = poor	
Dielectric strength MV/m	35		
Flammability UL94 > 1,6 mm	V2		
Coefficient of friction (on steel)	0,3		
All data are indicative			

Technical informations are indicative and can be updated.

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machining

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