

TECHNICAL PLASTIC AND METAL PARTS



Code	Description	Price euro/1000	% Price Change	Package	A	B	C	D	E	F gr
167 0050 699 02	MP 167-50 NERO	308,00	+ 60%	100	5.0	11.0	16	D1	1.2	6

Colour	Colour number
black	699 (XXX XXXX XXX XX)
Colour description	black
Matches	brilliant 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 XX)																																																								
General informations: 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.																																																									
<table><tr><th colspan="2">Features</th><th colspan="2">Chemical resistance</th></tr><tr><th>feature</th><th>DIN</th><th>Resistance to</th><th>Valutation</th></tr><tr><td>Relative density gr/cm³</td><td>1,14</td><td>Petrol</td><td>A</td></tr><tr><td>Tensile strength MN/m²</td><td>60</td><td>Benzene</td><td>A</td></tr><tr><td>Elongation at break %</td><td>140</td><td>Mineral oils</td><td>A</td></tr><tr><td>Tensile modulus MN/m²</td><td>1500</td><td>Vegetable oils</td><td>A</td></tr><tr><td>Notched impact strength kJ/m²</td><td>17</td><td>Weak alkalis</td><td>A</td></tr><tr><td>Ball indentation MN/m²</td><td>100</td><td>Strong alkalis</td><td>B</td></tr><tr><td>Application temperature max °C</td><td>120</td><td>Weak acids</td><td>B</td></tr><tr><td>Volume resistivity cm</td><td>10¹⁵</td><td>Strong acids</td><td>C</td></tr><tr><td>Dissipation factor tan. 10³ Hz</td><td>0,15</td><td colspan="2">A = good</td></tr><tr><td>Dielectric strength MV/m</td><td>30</td><td colspan="2">B = doubtful</td></tr><tr><td>Flammability UL94 > 1,6 mm</td><td>V2</td><td colspan="2">C = poor</td></tr><tr><td>Coefficient of friction (on steel)</td><td>0,3</td><td colspan="2"></td></tr></table>		Features		Chemical resistance		feature	DIN	Resistance to	Valutation	Relative density gr/cm ³	1,14	Petrol	A	Tensile strength MN/m ²	60	Benzene	A	Elongation at break %	140	Mineral oils	A	Tensile modulus MN/m ²	1500	Vegetable oils	A	Notched impact strength kJ/m ²	17	Weak alkalis	A	Ball indentation MN/m ²	100	Strong alkalis	B	Application temperature max °C	120	Weak acids	B	Volume resistivity cm	10 ¹⁵	Strong acids	C	Dissipation factor tan. 10 ³ Hz	0,15	A = good		Dielectric strength MV/m	30	B = doubtful		Flammability UL94 > 1,6 mm	V2	C = poor		Coefficient of friction (on steel)	0,3		
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Technical informations are indicative and can be updated.

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