

CHARACTERISTICS OF THE MOULDING COMPOUND

	MG	MP
Physical aspect	granular	fine powder
Apparent density	0.60-0.65 g/cm ³	0.45-0.55 g/cm ³
Bulk reduction factor	2.5 max	3.4 max
Shelf life*	min. 1 year	min. 6 months

MOULDING CONDITIONS

	MG	MP
Mould temperature	145-165°C	145-165°C
Moulding pressure	20-60 MPa**	20-60 MPa

CHARACTERISTICS OF THE MOULDED MATERIAL

				MG	MP
Density	ISO 1183	DIN 53479	g/cm ³	1.50	1.50
Shrinkage	ISO 2577	DIN 53464	%	0.7-0.9	0.6-0.8
Post-shrinkage	ISO 2577	DIN 53464	%	1.2-1.4	1.0-1.3
Water absorption	ISO 62	DIN 53495	mg	≤ 200	≤ 200
Flexural strength	ISO 178	DIN 53452	MPa	≥ 80	≥ 80
Charpy impact strength	ISO 179	DIN 53453	KJ/m ²	≥ 5.0	≥ 5.0
Charpy notched impact strength	ISO 179	DIN 53453	KJ/m ²	≥ 1.1	≥ 1.1
Temp. of deflection under load	ISO 75		°C	≥ 110	≥ 110
Flammability (Met. BH)	IEC 707	DIN/VDE 0304 T3	class	≤ BH2-10	≤ BH2-10
Surface resistance	IEC 93	DIN/VDE 0303	OHM	≥ 10 ¹⁰	≥ 10 ¹⁰
Volume resistivity	IEC 93	DIN/VDE 0303	OHM.cm	> 10 ¹¹	> 10 ¹¹
Diel. dissipation factor (tan. δ at 1 MHz)	IEC 250	DIN 53483	-	≤ 0.1	≤ 0.1
Proof-tracking index	DIN/IEC 112		V	≥ 600	≥ 600

* It has to be stored in the original package, at ≤ 20°C with a relative humidity ≤ 50%.

** For the injection grade, an injection pressure of 100-200 MPa should be used.

The technical values indicated herein have been determined in Chemiplastica S.p.A.'s laboratories and should be considered as purely indicative and not binding.

I dati riportati si riferiscono a risultati ottenuti nei laboratori Chemiplastica S.p.A. e sono di carattere puramente informativo e non impegnativo.

Les valeurs indiquées ont été déterminées dans les laboratoires de Chemiplastica S.p.A. et sont fournies à titre purement indicatif, n'engageant aucunement la responsabilité de la Société.

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Los valores técnicos aquí indicados han sido determinados en los laboratorios de Chemiplastica S.p.A. y deberán ser considerados solamente como indicativos y no obligatorios.



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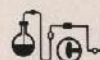
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