

Fenochem Moulding Compound

C 4500 *Compression Grade*

Colour	:	black		
Reinforcement	:	wood flour /inorganic		
Application areas	:	technical pieces, caps, housings, covers		
Mark	:	DIN 31/1549		
PROPERTY		METHOD	UNIT	VALUE
Density		ISO 1183	g/cm ³	1.40
Mould. shrinkage		ISO 2577	%	0.5 - 0.7
Post - shrinkage		ISO 2577	%	0.4 - 0.6
Water absorption		ISO 62	mg	≤ 100
Flexural strenght		ISO 178	MPa	≥ 70
Charpy impact strenght		ISO 179	KJ/m ²	≥ 4.5
Charpy not. imp. strenght		ISO 179	KJ/m ²	≥ 1.3
Temper. of defl. under load		ISO 75	°C	≥ 115
Flammability (meth. BH)		IEC 707	CLASS	≤ BH 2 - 10
Surface resistance		IEC 93	Ohm	≥ 10 ⁹
Volume resistivity		IEC 93	Ohm • cm	≥ 10 ¹⁰
Proof-tracking index		IEC 112	V	≥ 125
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