

Fenochem Moulding Compound

C 4700 BLACK *Compression/Transfer Grade*

Colour	:	black	
Reinforcement	:	wood flour/inorganic	
Application areas	:	housings, mounting-parts, handles, handwheels, technical pieces, toilet seats, brake-booster, covers	
Mark	:	DIN 31/1549	
PROPERTY	METHOD	UNIT	VALUE
Density	ISO 1183	g/cm ³	1.40
Mould. shrinkage	ISO 2577	%	0.6 - 0.8
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 ⁸
Volume resistivity	IEC 93	Ohm • cm	≥ 10 ¹⁰
Proof-tracking index	IEC 112	V	≥ 125
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