

Fenochem Moulding Compound

EC 001 *Compression/Transfer Grade**- IMPROVED IMPACT RESISTANCE -*

Colour	:	black		
Reinforcement	:	mineral flour/wood flour/cotton fibres		
Application areas	:	covers, contact-bridges in switchgear, technical pieces		
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	≥ 4.0	
Charpy not. imp. strenght	ISO 179	KJ/m ²	≥ 2.5	
Temper. of defl. under load	ISO 75	°C	≥ 115	
Flammability (meth. BH)	IEC 707	CLASS	≥ BH 2 - 30	
Surface resistance	IEC 93	Ohm	≥ 10 ⁸	
Volume resistivity	IEC 93	Ohm • cm	≥ 10 ¹⁰	
Proof-tracking index	IEC 112	V	≥ 125	
Rev. Febbrary_2010				

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