

Fenochem Moulding Compound

T 4700 T 4700/S

Injection Grade

Colour	:	black		
Reinforcement	:	wood flour/inorganic		
Application areas	:	handles, technical pieces, housings, mounting-parts, 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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