

Fenochem Moulding Compound

T 3800 _ T 3800/S *Transfer/Injection Grade**- HEAT RESISTANT -*

Colour	:	black
Reinforcement	:	mineral flour/wood flour
Application areas	:	parts for electrical technology, mounting parts, technical pieces
Mark	:	DIN 31/1549

PROPERTY	METHOD	UNIT	VALUE
Density	ISO 1183	g/cm ³	1.50
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	≥ 60
Charpy impact strenght	ISO 179	KJ/m ²	≥ 4.0
Charpy not. imp. strenght	ISO 179	KJ/m ²	≥ 1.5
Temper. of defl. under load	ISO 75	°C	≥ 140
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	≥ 175

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