

Dr. Dietrich Müller GmbH, Zeppelinring 18, D-26197 Ahlhorn

Thermally Conductive Products

Thermiflex[®] TF 21130

Characteristics: Thermiflex[®] TF 21130 has high values in insulation and dielectric breakdown voltage.

Application: Thermiflex[®] TF 21130 is used in electronic appliances, automobiles and mechanical internal components.

Colour: Thermiflex[®] TF 21130 is available in grey as standard.

Form of Supply: Thermiflex[®] TF 21130 is supplied on standard rolls: 300 mm wide x 25m or 50m long. Custom-made die-cut parts are also available to customer specifications.

Stand September 2014

Zeppelinring 18 | D-26197 Ahlhorn | Tel.: +49 (0) 4435 97 10 10 | Fax: +49 (0) 4435 97 10 11
info@mueller-ahlhorn.com | www.mueller-ahlhorn.com | Sitz der Gesellschaft: Ahlhorn
Geschäftsführer: Heinz-Jürgen Siebert | AG Oldenburg: HRB 209026 | Ust. ID-Nr.: DE 295969093
St.-Nr.: 68/207/07677 | Zertifiziert nach DIN EN ISO 9001:2008 | UL anerkannter Repacker E341377

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- Elektroisierstoffe
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Technical Data	Norm	Unit	Value
Colour	Visual	-	Grey
Thickness	ASTM D374	mm	0.23 – 0.8
Specific Gravity	ASTM D792	-	1.6 ± 0.1
Heat Capacity	ASTM D351	J/g-k	1.0
Hardness	ASTM D2240	Shore	70 ± 5
Continuous Use Temp.	EN344	°C	-40 up to+200
Tensile Strength	ASTM D412	Kgf/cm ²	>190
Tear Strength	ASTM D1485	Kgf/cm	>6.7
Elongation	ASTM D412	%	7 – 11
Dielectric Breakdown Voltage	ASTM D149	KV	≥4
Dielectric Constant	ASTM D149	°C-IN ² /W	6.0
Volume Resistively	ASTM D257	Ω.cm	10 ¹¹
Flame Rating	UL-94	-	V-0
Thermal Conductivity	ASTM D5470	W/mk	1.0

Trademark information: Thermiflex® is a registered trademark of the Dr. Dietrich Müller GmbH, Germany.

Please note:

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.

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