

KERAMOLD® 25

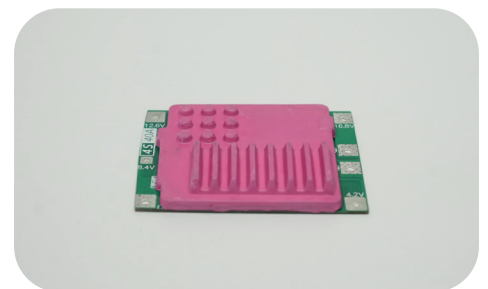
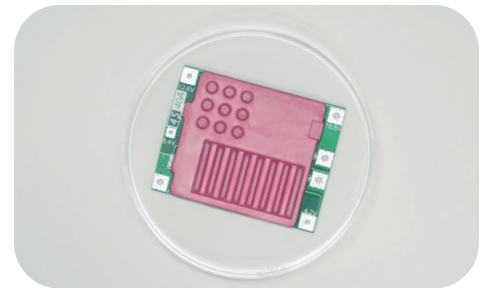
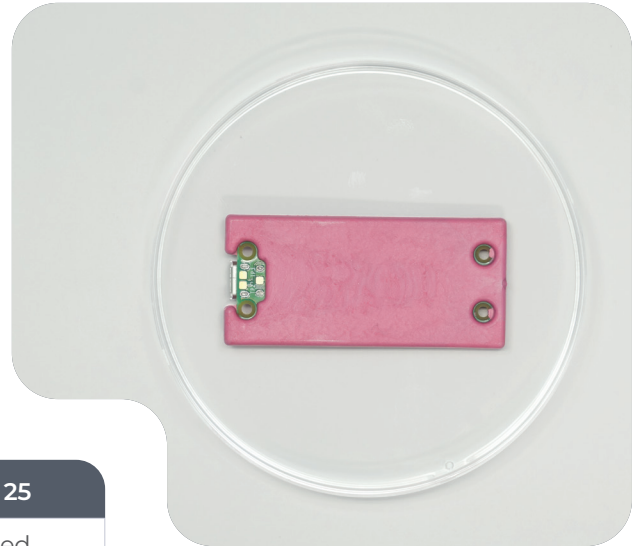
(previously MT103) injection molding compound

Benefits

- Very stable material
- Production of 3D geometries and suitable for overmolding process
- Good thermal conductivity and high level of electrical insulation

Properties	Unit	25
Color		red
Thermal Properties*		
Thermal resistance R_{th}	K/W	0.5
Thermal conductivity λ	W/mK	2.5
Glass transition temperature	°C	-57
Application temperature	°C	-40 - 125
Melt flow index (170 °C, 2,16 kg)	g/10 min	0.5 - 10.0
Mechanical properties		
Hardness	Shore A	40 - 60
Tensile strength	MPa	0.8
Elongation @ break	%	92.6
Young's modulus	MPa	2.7
Electrical Properties*		
Dielectric breakdown voltage $U_{d,AC}$	kV	> 16
High amp arc ignition (HAI)		PLC 0
Comparative tracking index (CTI)	V	600
Flammability properties		
Hot-wire ignition (HWI)		PLC 4
Flammability UL94		V-0

* Measured @ thickness 1.0 mm



Data for engineer guidance only.
Observed performance varies in application.
Engineers are reminded to test the material
in application.



Note

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. KERAFOL® is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product. All specifications are subject to change without notice. Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded. In case KERAFOL® would be nevertheless held liable, on whatever legal ground, KERAFOL®'s liability will in no event exceed the amount of the concerned delivery. All KERAFOL® products are sold pursuant to the KERAFOL®'s Terms and Conditions of sale and delivery in effect from time to time, a copy of which will be furnished upon request.

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