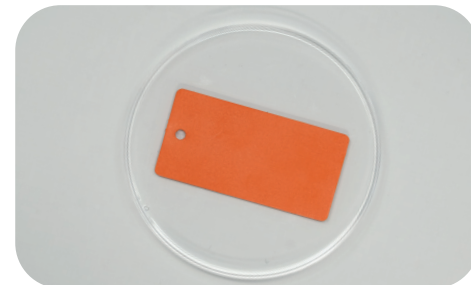


KERAMOLD® 15

(previously MT315) injection molding compound

Benefits

- Very good price performance ratio
- Production of 3D geometries and suitable for overmolding process
- Good thermal conductivity and high level of electrical insulation



Properties	Unit	KERAMOLD® 15
Colour		orange
Thermal Properties*		
Thermal resistance R_{th}	K/W	1.66
Thermal conductivity λ	W/mK	1.5
Electrical Properties*		
Dielectric breakdown voltage $U_{d,AC}$	kV	>16
Hardness	Shore A	65 - 80
Tensile strength	N/mm ²	TBD
Application temperature	°C	-40 to +125
Glass transition temperature	°C	-59
Density	g/cm ³	1.9
Flame rating	UL-94	V-0**
MFI	g/10min	TBD

* Measured @ thickness 1.0 mm

** Kerafol Test according to UL 94

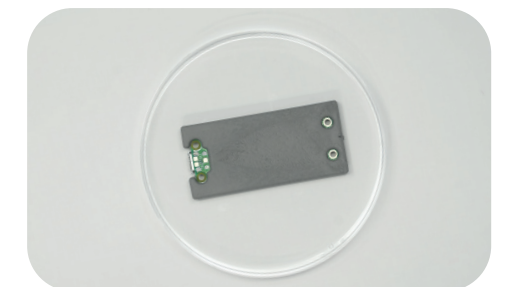
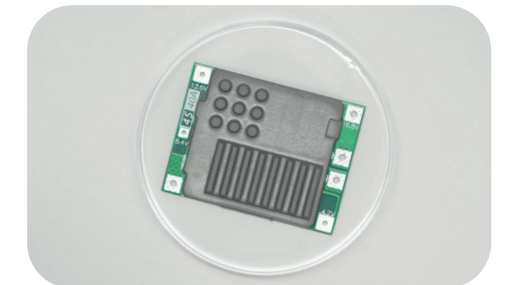
Data for engineer guidance only. Observed performance varies in application. Engineers are reminded to test the material in application.

KERAMOLD® 20

(previously MT320) injection molding compound

Benefits

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



Properties	Unit	KERAMOLD® 20
Colour		grey
Thermal Properties*		
Thermal resistance R_{th}	K/W	0.63
Thermal conductivity λ	W/mK	2.0
Electrical Properties*		
Dielectric breakdown voltage $U_{d,AC}$	kV	3.0
Hardness	Shore A	15 - 30
Tensile strength	N/mm ²	0.2
Application temperature	°C	-40 to +100
Glass transition temperature	°C	-59
Density	g/cm ³	1.91
Flame rating	UL-94	V-0**
MFI	g/10min	5 - 25 170°C / 2,16kg

* Measured @ thickness 1.0 mm

** Kerafol Test according to UL 94

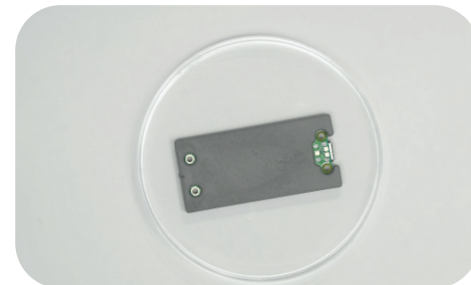
Data for engineer guidance only. Observed performance varies in application. Engineers are reminded to test the material in application.

KERAMOLD® 20N

(previously MT320) injection molding compound

Benefits

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



Properties	Unit	KERAMOLD® 20N
Colour		grey
Thermal Properties*		
Thermal resistance R_{th}	K/W	0.63
Thermal conductivity λ	W/mK	2.0
Electrical Properties*		
Dielectric breakdown voltage $U_{d,AC}$	kV	3.0
Hardness	Shore A	30 - 45
Tensile strength	N/mm ²	0.2
Application temperature	°C	-40 to +125
Glass transition temperature	°C	-59
Density	g/cm ³	1.91
Flame rating	UL-94	V-0**
MFI	g/10min	5 - 25 170°C / 2,16kg

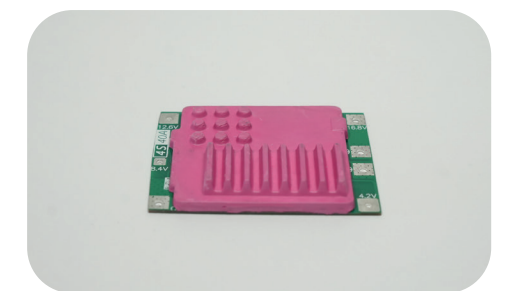
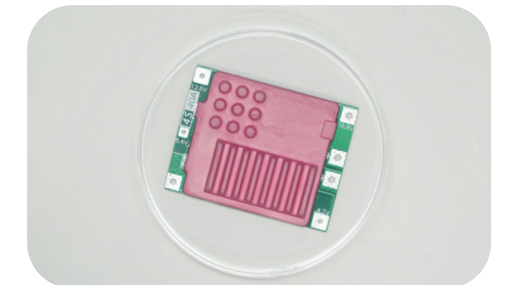
* Measured @ thickness 1.0 mm

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	KERAMOLD® 25
Colour		red
Thermal Properties*		
Thermal resistance R_{th}	K/W	0.5
Thermal conductivity λ	W/mK	2.5
Electrical Properties*		
Dielectric breakdown voltage $U_{d,AC}$	kV	>16
Hardness	Shore A	40 - 60
Tensile strength	N/mm ²	2.0
Application temperature	°C	-40 to +125
Glass transition temperature	°C	-57
Density	g/cm ³	1.88
Flame rating	UL-94	V-0
MFI	g/10min	0,5 - 10 190°C / 2,16kg

* Measured @ thickness 1.0 mm

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

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