



TECHNOMELT® PA 668

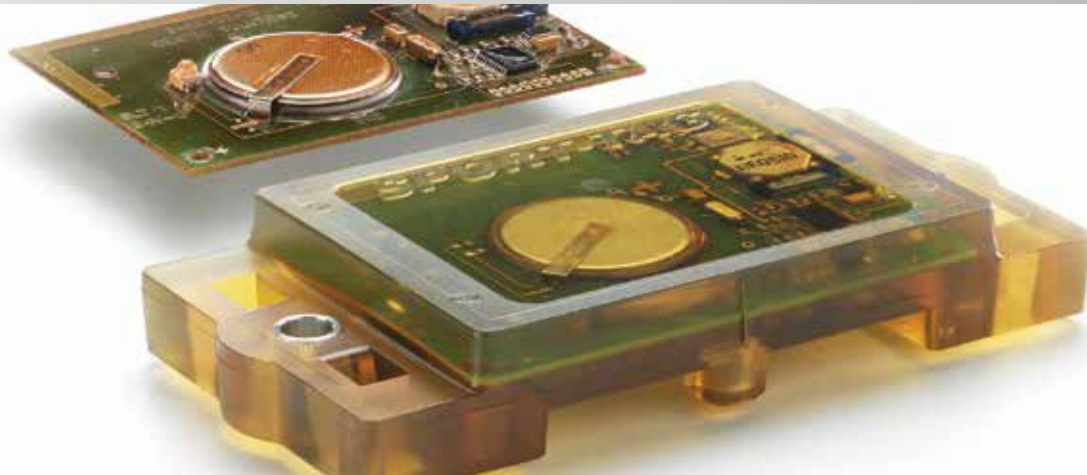
TECHNOMELT® PA 668 is a UV-stabilized white molding material that has been engineered to be aesthetically aligned with consumer and industrial product designs, while offering superior molding and color integrity performance. The UV and thermal stability of TECHNOMELT® PA 668 make it extremely versatile. It is ideal for multiple applications, including indoor and outdoor LED lighting, household consumer products and industrial sensors. Resistant to UV light, as well as temperature-resistant in-process and in-use, TECHNOMELT® PA 668 maintains its color even when subjected to harsh external environments, longer molding dwell times and extended thermal and ultraviolet light exposure after encapsulation.

BULK PROPERTIES	
Appearance	White
Viscosity @ 210°C, mPa · s	3,500
Softening Point, °C	155
Density (20°C), g/cm ³	0.98

TECHNICAL DATA	
Shore A Hardness	90
Tensile at Break, N/mm ²	6
Elongation at Break, %	600
Temperature Creep Resistance, °C	130
Cold Flexibility / Mandrel, °C	-25
Flammability Rating	UL 94V-0

COLOR STABILITY	
Test Condition	Appearance
Color Stability @ 85°C / 500 h (visual)	White – Minimal Change
UV Stability* @ 80°C to 100°C	White – Minimal Change

* UV storage: solar radiation 60 W/m², UVA 21.3%, UVB 3.9%, VIS 69.9%, Temperature 80°C to 100°C.



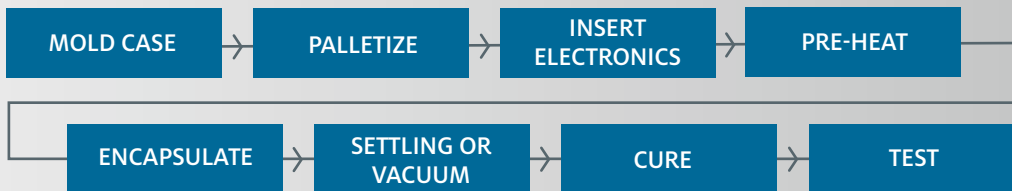
OVERVIEW

LOW PRESSURE MOLDING

Henkel's renowned TECHNOMELT® low pressure molding solution delivers superior sealing adhesion and excellent temperature and solvent resistance. The simplicity of these materials is their advantage: The entire TECHNOMELT® operation takes place at low pressure, cycle time is short, and fine or fragile circuitry is not damaged, delivering measurable improvements over that of traditional potting or encapsulating processes. PCB and circuitry protection is essential in modern, challenging applications, and Henkel provides manufacturers with proven, reliable solutions and peace of mind.

PROCESS

TRADITIONAL POTTING PROCESS FLOW



LOW PRESSURE PROCESS FLOW



**Across the Board,
Around the Globe.**
www.henkel.com/electronics



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