TECHNOMELT PA 6832 BLACK

January 2013

PRODUCT DESCRIPTION

TECHNOMELT PA 6832 BLACK provides the following product characteristics:

Technology	Polyamide
Product Type	Hotmelt
Cure	Physical setting
Condition	thermoplastic
Components	One-component
Application	Molding
Color	Black

TECHNOMELT PA 6832 BLACK provides good adhesion to various substrates, requires only low processing pressure due to the low viscosity, provides an excellent moisture and environmental seal, produces no toxic fumes and provides a good balance of low and high temperature performance. Typical uses include protection for printed circuit boards. This product is typically used in applications with an operating range of -20 °C to 125 °C. This product has a typical molding temperature of 200 °C to 250 °C.

TYPICAL PROPERTIES OF UNCURED MATERIAL

Flash Point - See SDS
Viscosity @ 240°C, mPa·s (cP)   5,700

TYPICAL PROPERTIES OF CURED MATERIAL
Adhesive Properties
Physical Properties:

Density @ 210 °C, g/cm³	0.98
Elongation, at break, %	300
Glass Transition Temperature, °C	-60
Shore Hardness, ISO 868, Durometer A	92
Shore Hardness, ISO 868, Durometer D	68
Softening Point, DIN EN 1427, °C	153

GENERAL INFORMATION

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.
Optimal Storage: 8 °C to 21 °C. Storage below 8 °C or greater than 28 °C can adversely affect product properties. Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

Conversions

(°C x 1.8) + 32 = °F
kV/mm x 25.4 = V/mil
mm / 25.4 = inches
µm / 25.4 = mil
N x 0.225 = lb
N/mm x 5.71 = lb/in
N/mm² x 145 = psi
MPa x 145 = psi
N·m x 8.851 = lb·in
N·m x 0.738 = lb·ft
N·mm x 0.142 = oz·in
mPa·s = cP

Note

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