

TECHNOMELT AS 8998 (e)

(Electronics) April 2016

PRODUCT DESCRIPTION

TECHNOMELT AS 8998 (e) provides the following product characteristics:

Technology	Hot Melt Polyolefin
Appearance	Slightly yellow
Dispense Method	Hot melt
Product Benefits	<ul style="list-style-type: none">• Silicone free• Halogen free• RoHS compliant• Easily peelable without residues• Zero outgassing @ 100 °C• Ultra fast process time• 100% Solids material• Solidifies upon cooling• Good resistance to conformal coating ingress
Application	Masking
Cure	Physical setting

TECHNOMELT AS 8998 (e) peelable hot melt adhesive is recommended for use for masking off areas that needs protection before conformal coating applications. It is formulated to have excellent slump resistance up to 100 °C. TECHNOMELT AS 8998 (e) is compatible with most conformal coating materials in the industry.

TYPICAL MATERIAL PROPERTIES

Physical Properties

Softening Point, °C	100
Melting Viscosity @ 163°C, mPa·s (cP)	3,450
Hardness	Shore 10A
Tensile Modulus, N/mm ²	0.113
Elongation, at break, %	733
Weight Loss, after 60 minutes @ 110 °C, %	0.1

Electrical Properties

Surface Insulation Resistance per IPC-TM-650-2.6.3.7	Pass
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GENERAL INFORMATION

For safe handling information on this product, consult the Safety Data Sheet, (SDS).

Not for product specifications

The technical data contained herein are intended as reference only. Please contact your local quality department for assistance and recommendations on specifications for this product.

Pretreatment:

The substrate should be clean, dry, free of dust, oil, grease and other contaminants.

Application:

Application Temperature: 150 to 180°C
Application System: Hot Melt Application System

When bonding to a substrate with high thermal conductivity the use of a specific application temperature is required for good wetting. Do not heat the product above the specified application temperature range.

When the product is not in use do not apply heat, this will degrade the quality of the product and in extreme cases cause carbonization.

Cleaning:

Carbonized and set (non thermoplastic) material must be removed mechanically. Removal of the thermoplastic material from the hot apparatus can be achieved with solvent free cleaning system, such as Technomelt 0062 (see separate technical information).

Storage:

Prevent from freezing.

Store in a cool, dry location, with the container tightly closed.

Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{kV/mm} \times 25.4 = \text{V/mil}$
 $\text{mm} / 25.4 = \text{inches}$
 $\text{N} \times 0.225 = \text{lb}$
 $\text{N/mm} \times 5.71 = \text{lb/in}$
 $\text{psi} \times 145 = \text{N/mm}^2$
 $\text{MPa} = \text{N/mm}^2$
 $\text{N} \cdot \text{m} \times 8.851 = \text{lb} \cdot \text{in}$
 $\text{N} \cdot \text{m} \times 0.738 = \text{lb} \cdot \text{ft}$
 $\text{N} \cdot \text{mm} \times 0.142 = \text{oz} \cdot \text{in}$
 $\text{mPa} \cdot \text{s} = \text{cP}$

Disclaimer

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. Henkel 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.

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