



(877)933-3343

TECHNOMELT[®] PA 7802[™]

Technical Data Sheet

known as
LOCTITE HYSOL 7802

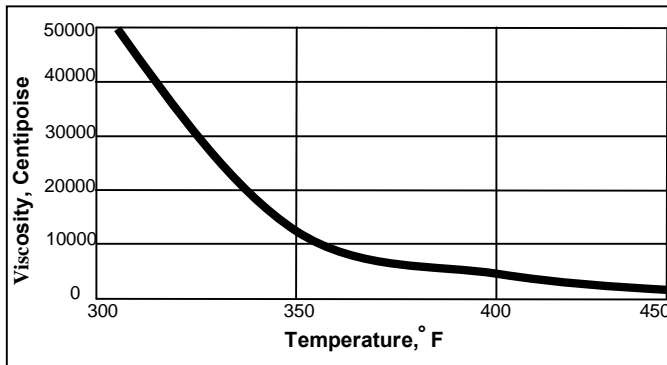
June 2013

Description

Technomelt[®] PA 7802 polyamide hot melt is a tough, flexible high performance adhesive with excellent adhesion to many difficult to bond substrates. It shows excellent performance over a broad temperature range.

Typical Properties	Typical Value
Softening Point, °F, ASTM E 28-67	276
Viscosity @ 350°F, cP, ASTM D 3236	14,500
Open Time, seconds	20
Heat resistance, °F, ASTM D 4498	240
Specific Gravity @ 77°F ASTM D 792	1.03
Tensile Strength, psi, ASTM D 638	600
Elongation, %, ASTM D 638	450
Tg, °F ASTM E 1640	10

Viscosity Curve



Performance Characteristics

Shear Strength vs. Substrate, ASTM D 3163, psi

	Typical Value
Stainless Steel	1340
PVC	900
ABS	400

Electrical Properties	Typical Value
Dielectric Strength, ASTM D149, V/mil	650
Dielectric Constant, MIL 1-16923. K	3.6
Dissipation Factor, ASTM D 150	0.135
Volume Resistivity, ASTM D 257	2.2×10^{14}
Surface Resistivity, ASTM D 257	2.8×10^{14}

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

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

Precautions

Once melted, like any hot liquid, this adhesive can produce severe burns. Care should be taken to avoid getting hot adhesive on the skin. If skin contact occurs, flush the affected area with large amounts of cold water.

Application

Please read the operating instructions for the Hysol Hot Melt Applicator being used. Allow the applicator 5 - 10 minutes to reach operating temperature before applying the adhesive. Squeeze the trigger to dispense hot melt to one of the parts to be bonded. For best results, press the parts as soon as possible; within the hot melt's open time. After use, unplug the applicator and squeeze trigger twice to advance any semi-molten adhesive into the melt chamber. This helps for quick start-up when the applicator is used next. Always use gloves when using the applicator. Henkel offers a complete line of reliable, portable, hand held applicators designed to accurately dispense all shaped hot melt formulations.

Storage

Store product in unopened container in a cool dry location. Ideal conditions are within the range 8 to 21 degrees C (46 to 70 degrees F) and are recommended for long term storage. Exposure to higher temperatures (greater than 28 degrees C) for prolonged periods should be avoided as extended exposure to warm conditions can adversely affect product properties. For further specific shelf life information, contact your local Technical Service Center.

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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