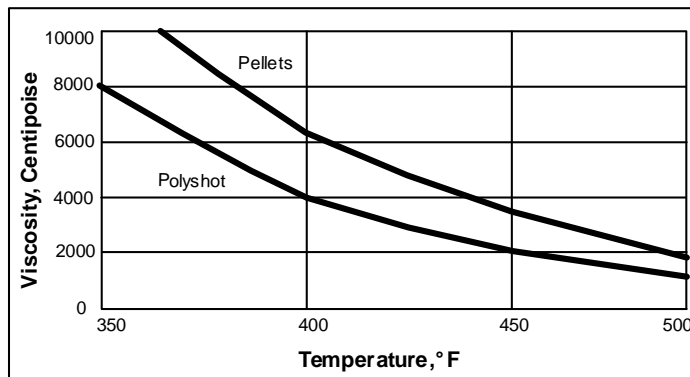


Description

Technomelt[®] PA 7811 polyamide hot melt is a tough, elastomeric, high performance adhesive with exceptional high temperature resistance and impact at low temperatures. It is recommended for demanding applications where substrates may be exposed to temperature extremes. Technomelt[®] PA 7811 bonds to many difficult substrates including: metals, plastics, wood, leather, fabric, non-woven fabric, films and foils.

Typical Properties	Typical Value
Softening Point, °F, ASTM E 28-67	310
Viscosity @ 400°F, cP, ASTM D 3236	
Polyshot	4250
Pellets (bulk)	6400
Open Time, seconds	35
Heat resistance, °F, ASTM D 4498	266
Specific Gravity @ 77°F ASTM D 792	1.01
Tensile Strength, psi, ASTM D 638	400
Elongation, %, ASTM D 638	1200
Tg, °F ASTM E 1640	-75

Viscosity Curve



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. Loctite 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

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