

Gwent Electronic Materials R2040227D1 Hot Melt Conductive Adhesive for Diagnostic Sensors

Category : Fluid , Other Engineering Material , Additive/Filler for Polymer

Material Notes:

This is a one-component water based polyurethane dispersion used for bonding unsupported PVC foils. This can be used in many different diagnostic applications such as test cards, assays and support systems for membrane-based immunodiagnostic tests. The paste is in a ready to use form at a viscosity suitable for automatic or semiautomatic screen printing. Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-R2040227D1-Hot-Melt-Conductive-Adhesive-for-Diagnostic-Sensors.php

Physical Properties	Metric	English	Comments
Solids Content	43 - 47 %	43 - 47 %	
Viscosity	1700 - 1900 cP @Shear Rate 230 1/s, Temperature 25.0 °C	1700 - 1900 cP @Shear Rate 230 1/s, Temperature 77.0 °F	Haake VT 550 PK1.1°
Storage Temperature	>= 5.00 °C	>= 41.0 °F	cool dry place

Processing Properties	Metric	English	Comments
Processing Temperature	40.0 °C	104 °F	
	70.0 - 80.0 °C	158 - 176 °F	activation temperature used to laminate with a press or vacuum tube
Cure Time	15 - 30 min	0.25 - 0.5 hour	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Coverage m2/ltr	12	

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