

Techcryl 2107

Emulsion – Pressure Sensitive Permanent Label Adhesive

Techcryl 2107 is a tackified acrylic emulsion, which upon drying produces a pressure sensitive adhesive film. It has been formulated to provide aggressive adhesion to a variety of surfaces including corrugated, cellophane, polyester, polypropylene, and polyethylene. Techcryl 2107 is an excellent choice for bonding various window films into folding cartons, as it will produce a permanent pressure sensitive bond to the carton.

FDA Status

Complies with 21CFR175.105

Applications

General purpose permanent labels, paper & film
Sheet Stock
Adhesive for applying window films to cartons

Typical Properties

Total Solids	57.0 ± 1.0
Viscosity, as supplied	As Required
pH	7.0 ± 1.0
Weight per Gallon @ 23°C	8.3 lbs.
Minimum Application Temperature	35°F
Service Temperature Range	-20°F to 220°F
Web:	2 mil Mylar®
Coatweight; lb./3000 ft ²	12.8
180° Peel, lb./in., 15' Dwell (1)	4.4
Loop tack, lb./in. ² (2)	2.7
Shear; ½" x ½" x 500 grams (3)	5.7 hours

Samples were prepared by transfer coating and drying for 2½' @ 100°C

- (1) PSTC-101
- (2) TLMI Loop Tack, 1 in², 12 ipm separation
- (3) PSTC-107

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