

Techcryl 2201

Emulsion – Pressure Sensitive

New Recycling Compatible PSA for Paper Labels

Techcryl 2201 is an economical tackified acrylic emulsion, which produces a pressure sensitive adhesive film upon drying. It has been formulated to provide aggressive immediate adhesion to a variety of surfaces including corrugated, LDPE and HDPE. Techcryl 2201 has been thoroughly tested as a recycling compatible adhesive “RCA” for paper labels and has been verified as meeting the TLMI Recycling Compatible Adhesive Specification.

Recycling Compatible Adhesive Status

Verified as recycling compatible by testing in accordance with TLMI LRP-2 and meeting the requirements of the TLMI RCA Specification.¹

FDA Status

Complies with 21CFR175.105

Applications

General-purpose permanent labels, paper & film

Typical Properties

Total Solids	56.0 ± 1.0
Viscosity, as supplied	As Required
pH	8.5 ± 1.0
Weight per Gallon @ 23°C	8.8 lbs.
Minimum Application Temperature	20°F
Service Temperature Range	-10°F to 280°F
Web:	60# Semi-Gloss
Coatweight; Dry Mils	1.0
90° Peel, lb./in., 10' Dwell (1)	2.5 Paper Tear
Loop tack, lb./in. ² (2)	3.5 Paper Tear
Shear; 1" x 1" x 1000 grams (3)	5.5 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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¹TLMI LRP-2 is the Tag and Label Manufacturers Institute Laboratory Recyclability Protocol for testing and verifying the recycling compatibility of pressure sensitive adhesives for paper labels.

TLMI RCA Specification is the Tag and Label Manufacturers Institute Recycling Compatible Adhesive Specification. It establishes the level of contaminants that a recyclable pressure sensitive adhesive label must meet to be verified as recyclable in paper pulp mill recycling operations.