

Techcryl 2387

Permanent Water-Based Adhesive

Techcryl 2387 is a tackified general purpose acrylic emulsion which produces a pressure sensitive adhesive film upon drying. It has been formulated to provide aggressive, immediate adhesion to a variety of substrates including corrugated cardboard (CC), polypropylene (PP), glass, LDPE, HDPE, painted metal (PM), and stainless steel (SS). It has a wide service temperature range with a minimum application temperature of 10° F. Techcryl 2387 is ideal for consideration for general purpose permanent (GPP) applications. It is supplied coater ready with a rheology custom matched to your coating equipment.

Typical Properties	
Solids	55% +/- 1%
Minimum Application Temperature	10° F
Service Temperature Range	-20° F to 250° F
Viscosity	As Required
pH	8.5 +/- 1.0
Weight per Gallon	8.5

Samples were prepared by transfer coating and drying 2 1/2' @ 100 °C

- (1) PSTC-107; 1"x1"x1000 grams
- (2) PSTC-101
- (3) TLMI Loop tack, 1 in² contact area, 12 ipm separation

Key:

ST – substrate tear

Safety Precautions

Consult Safety Data Sheet for hazardous ingredients, disposal methods and related handling information. Use product with adequate ventilation and avoid breathing vapors. Take precautions against skin contact.

Handling & Storage

Under normal conditions, product is stable for 3 months in an unopened container. Store drums in dry areas and keep them tightly covered to prevent contamination. Do not mix with any other products.

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Sample	Techcryl 2387
Coat Weight (mil)	0.85
Facestock	1 mil PET

<i>Loop Tack</i> ⁽³⁾	Lbs/In
SS	2.9
HDPE	1.9
LDPE	1.5
PP	2.9
Glass	2.6
PM	2.9
CC	ST

<i>180° Peel 15-min Dwell</i> ⁽²⁾	Lbs/In
SS	2.7
HDPE	1.7
LDPE	1.9
PP	2.8
Glass	1.8
PM	1.8
CC	1.8

<i>180° Peel 24-hour Dwell</i> ⁽²⁾	Lbs/In
SS	3.9
HDPE	2.0
LDPE	2.2
PP	2.6
Glass	2.7
PM	2.9
CC	ST

<i>Static Shear (Hrs)</i> ⁽¹⁾	
1" X 1" X 1000 g (SS)	15+