

TECHNICAL DATA SHEET

## 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
рН	8.5 +/- 1.0
Weight per Gallon	8.5

Samples were prepared by transfer coating and drying 2 1/2 ' @ 100  $^{\circ}\text{C}$ 

- (1) PSTC-107; 1"x1"x1000 grams
- (2) PSTC-101
- (3) TLMI Loop tack, 1 in<sup>2</sup> 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.

www.dyna-techadhesives.com 800.847.7773 (Toll Free) - 304.265.5202

Sample	Techcryl 2387
Coat Weight (mil)	0.85
Facestock	1 mil PET
Loop Tack (3)	Lbs/In
SS	2.9
HDPE	1.9
LDPE	1.5
PP	2.9
Glass	2.6
PM	2.9
CC	ST

180° Peel 15-min Dwell <sup>(2)</sup>	Lbs/In
SS	2.7
HDPE	1.7
LDPE	1.9
PP	2.8
Glass	1.8
PM	1.8
CC	1.8
180° Peel 24-hour Dwell <sup>(2)</sup>	Lbs/In
100 10011 10001 2 1100	
SS	3.9
	3.9 2.0
SS	
SS HDPE	2.0
SS HDPE LDPE	2.0 2.2
SS HDPE LDPE PP	2.0 2.2 2.6
SS HDPE LDPE PP Glass	2.0 2.2 2.6 2.7

Static Shear (Hrs) (1)
1" X 1" X 1000 g (SS) 15+

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