

Techcryl 6072

Emulsion – Pressure Sensitive Permanent Label Adhesive

Techcryl 6072 is a water-based acrylic pressure sensitive emulsion, which is initially repositionable and builds adhesion over time to form a permanent bond. Techcryl 6072 is formulated to coat water clear with excellent resistance to discoloration and aging. Techcryl 6072 is supplied coater ready with a rheology custom matched to your coating equipment.

FDA Status

Complies with 21CFR175.105

Applications

Clear film primary labels

Clear overlaminates films

General-purpose permanent labels, paper and film

Typical Properties

Total Solids	55.0 ± 1.0
Viscosity, as supplied	As Required
pH	8.0 ± 1.0
Weight per Gallon @ 23°C	8.6 lbs.
Minimum Application Temperature	0°F
Service Temperature Range	-0°F to 230°F

Web:**50# EDP**Coatweight; lb./3000 ft²

13.0

	90° Peel (oz./in.) (1)	Loop Tack (oz./in. ²) (2)
Corrugated:	7	24
Stainless Steel	33	49
LDPE	26	33
HDPE	26	32
OPP	26	33
Glass	29	35
Shear; 1" x 1" x 1000 grams	>100 minutes	

Web:**1 mil Polyester**Coatweight; lb./3000 ft²

13.0

	180° Peel (oz./in.) (1)	Loop Tack (oz./in. ²) (2)
Corrugated:	21	19
Stainless Steel	28	31
LDPE	21	20
HDPE	24	19
OPP	28	22
Glass	26	24
Shear; 1" x 1" x 1000 grams	>100 minutes	

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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