

ACRYNAX 11891

ACRYNAX 11891 is a permanently tacky, 100% solid acrylic polymer designed for use as a hot melt pressure sensitive adhesive. It can also be used as a specialty additive to improve the performance of other commercially available hot melt adhesives by enhancing tack and flexibility. This product exhibits good adhesion to a variety of materials including polyester, glass, steel, aluminum, vinyl, fabric, non-wovens and paper. **ACRYNAX 11891** provides the lowest peel and tack adhesion but the highest cohesive shear strength in the product line. **ACRYNAX 11891** is a thermoplastic polymer which can be applied using a variety of hot melt coating equipment. This polymer may be used as is, or modified with compatible plasticizers, such as rosin based, hydrocarbon, or terpene-phenolic resins.

PHYSICAL PROPERTIES

Polymer Type: 100% Acrylic

Appearance: Clear, Faint Yellow

Viscosity: 10,000 - 30,000 cps (~350° F)

Solids (Non-Volatiles): 100%

R&B Melt Point: 100°C - 115°C

Glass Transition Temp. (T_g): (DSC): -60°C

Shelf Life: 10 years

PERFORMANCE PROPERTIES

A 1 mil (28 gsm) film of ACRYNAX 11891 cast directly onto 1 mil thickness polyester film will exhibit the following average performance properties when tested on #304 stainless steel which has a #3 surface finish.

180° Peel Adhesion (20-min. bond time): 3.0 lb

180° Peel Adhesion (24-hour bond time): 3.2 lb

Loop Tack: 1.5 lb

178° Shear Adhesion (½" x ½" x 1000g): 210-220 min

FDA Compliance: 16 CFR 1500.3(C)(4)
21 CFR 175.105

PACKAGING

ACRYNAX 11891 is packaged in silicone-lined: 160 kg (352 lb) fiber drum
10 each of 2.25 kg (5 lb) boxes (50 lb total)
11.4 kg (25 lb) boxes

IMPORTANT NOTICE TO CUSTOMER:

The recommendations and data contained in this Product Data Sheet for use of this product are based on information Franklin believes to be reliable. They are offered in good faith without guarantee, as conditions and methods of use of our product by Customer are beyond Franklin's control. Customer must determine the suitability of the product for a particular application before adopting it on a commercial scale.

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