

ACRYNAX 10127

ACRYNAX 10127 is a permanently tacky, 100% solid all-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 10127** provides high tack and peel adhesion with a moderate degree of cohesive strength. This product also has good resistance to creep or cold flow. **ACRYNAX 10127** 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: 8000 - 17,000 cps (~350° F)

Solids (Non-Volatiles): 100%

R&B Melt Point: 95°C - 110°C

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

Shelf Life: 10 years

PERFORMANCE PROPERTIES

A 1 mil (28 gsm) film of **ACRYNAX 10127** 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): 2.7 lb

180° Peel Adhesion (24-hour bond time): 3.3 lb

Loop Tack: 2.5 lb

178° Shear Adhesion (½" x ½" x 1000g): 60-70 min

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

PACKAGING

ACRYNAX 10127 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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