

# 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 (1/2" x 1/2" x 1000g):** 60-70 min

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

## 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. All orders for Franklin products shall be subject to Franklin International, Inc.'s Standard Terms and Conditions of Sale which may be found at [http://www.franklini.com/Terms\\_and\\_Conditions.aspx](http://www.franklini.com/Terms_and_Conditions.aspx) ("Standard Terms"). Different or additional terms proposed by Customer are expressly rejected and shall not become part of the agreement between Customer and Franklin International, Inc. with respect to any order. Contact Franklin International, Inc. immediately if you cannot access our Standard Terms and we will provide you a copy upon request. Any sale of products by Franklin to Customer is expressly conditional upon Customer's consent to the Standard Terms, and Customer's acceptance of any performance by, or receipt of products from, Franklin International, Inc. shall constitute Customer's acceptance of the Standard Terms and Conditions of Sale.

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