

ACRYLIC EMULSIONS FOR HIGH-QUALITY ADHESIVES & SEALANTS



Please remove protective
film and clean board
before use

Polymers
for Adhesive
Formulation

eps[®]
ENGINEERED
POLYMER
SOLUTIONS *Science
Simplified*

epscca.com

HIGH-QUALITY POLYMERS FOR ADHESIVES & SEALANTS FORMULATION

Advanced acrylic emulsion technologies maximize the performance of adhesives. Our polymers are versatile and adhere to various substrates. These solutions are specifically designed to facilitate the formulation of tackified and non-tackified pressure-sensitive adhesives. You can rely on EPS to deliver a portfolio of proprietary adhesion technology that will give you the competitive edge.



REMOVABLE PRESSURE-SENSITIVE ADHESIVE POLYMERS

Equip your adhesives with polymers that deliver a high-strength bond for removable pressure-sensitive adhesives. These acrylic emulsions are vital components when it comes to manufacturing adhesives that meet performance objectives.

- Low peel
- Moderate tack
- High shear

Product	Peel Adhesion (PSTC-101)	Tack	Shear Adhesion (PSTC-107)
EPS® 2112	90° Peel 7.0 oz/in	Polyken Probe (ASTM D2979) 163 g/cm ²	> 10,000 minutes (1" x 1" x 1kg)
EPS® 2121	180° Peel 1.4 lbs/in	Loop Tack (PSTC-16) 2.3 lbs/sq in	> 10,000 minutes (1" x 1" x 1kg)
EPS® 2123	180° Peel 2.4 lbs/in	Polyken Probe (ASTM D2979) 350 g/sq cm	> 10,000 minutes (1" x 1" x 1kg)
EPS® 2128	180° Peel 1.9 lbs/in	Polyken Probe (ASTM D2979) 82 g/cm ²	> 10,000 minutes (1" x 1" x 1kg)
EPS® 2130	90° Peel 9.0 oz/in	Polyken Probe (ASTM D2979) 262 g/cm ²	2,600 minutes (0.5" x 0.5" x 500g)
EPS® 2156	180° Peel 11.0 oz/in	Polyken Probe (ASTM D2979) 230 g/cm ²	> 10,000 minutes (1" x 1" x 1kg)

The data on this brochure represents typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. EPS assumes no obligation or liability for use of this information. UNLESS EPS AGREES OTHERWISE IN WRITING, EPS MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. EPS WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. Revision Date 03/2019



PERMANENT PRESSURE-SENSITIVE ADHESIVE POLYMERS

EPS® 2113

Reinforce permanent type applications when you utilize EPS® 2113, an acrylic latex for pressure-sensitive adhesives. This resin has proven to be useful in formulating plasticizer free pigmented caulks, and in film-to-film lamination.

- Broad adhesion
- Excellent clarity
- Blush resistance
- Non-yellowing

EPS® 2127

Strengthen your tape and label pressure-sensitive adhesive applications with a high-solids acrylic copolymer emulsion. EPS® 2127 exhibits an excellent balance of adhesive properties and can be used in both tackified and non-tackified adhesive formulations.

- Excellent clarity
- Non-APEO
- Non-yellowing
- FDA 175.105 compliant

Product	180° Peel (PSTC-101)	Tack	Static Shear (PSTC-107)
EPS® 2113	2.0 lbs/in	Loop Tack (PSTC-16) 2.0 lbs/sq in	> 10,000 minutes
EPS® 2127	3.2 oz/in	Polyken Probe (ASTM D2979) 430 g/cm2	200 minutes (0.5" x 0.5" x 500g)



Unmatched Technical Insight Into Adhesives

EPS provides performance-based resins and colorants specifically designed for the architectural, industrial, construction, and adhesive industries. With a personalized approach, innovative technology, and exceptional technical service - we make doing business with us easy.

Our R&D experts create the products of the future, supporting new opportunities for customers. The proprietary technology in our polymers enables our customers to develop coatings with essential features - including excellent adhesion to multiple substrates,

as well as abrasion, block, and early water resistance. As a global manufacturer of CCA colorants to the consumer paints and industrial coatings industries, we offer a broad colorant technology portfolio for both POS and In-Plant OEM clients.

We are committed to understanding our customers' needs and helping them to succeed. Formulate all of your architectural, industrial, construction, and adhesive products with the wide range of acrylic emulsions, conventional resins, and colorants supplied by EPS.

Business made easy, science made simple.
To learn more, visit epscca.com

