

StanChem

polymers

StanChem 6116

Description:

StanChem SC 6116 is an acrylic copolymer emulsion designed for pressure sensitive adhesive applications where outstanding creep resistance and good peel strength are desired. SC 6116 offers outstanding adhesion to a wide variety of ferrous and non-ferrous substrates, and maintains excellent flexibility and water resistance when combined with compounding fillers.

Typical Physical Properties:

Type:	Acrylic Copolymer Emulsion
Solids by weight:	53.0 – 54.0 %
Viscosity* @ 25°C:	50-800 cps
pH @ 25 °C:	7.5 – 8.5
Density:	8.70 +/- 0.1 lbs/gal
Tg (°C, DSC):	-28
Peel Adhesion¹:	1.13 lb/in
Shear Adhesion²:	> 1000 hours

1. PSTC 1 – Stainless Steel; 15 minute dwell; 25 g/m², 2 mil polyester backing
2. PSTC 7 – Stainless Steel, 1 in², 1 kg weight; 25 g/m²; 30 minute dwell

*Brookfield RVT, #4 Spindle@ 20 RPM

Storage: SC 6116 is stable for at least 12 months from manufacturing date when stored at +5C to +40C in appropriate containers.

WARRANTY:

Seller warrants that its product will meet the specifications which it sets for them. Seller's responsibility under this warranty will be limited solely to replacing the products which prove defective, provided that the Buyer gives Seller prompt notice in writing of said defect. Products may be returned to Seller only after written authorization has been obtained from Seller. The foregoing warranty is in lieu of all other warranties, whether oral, written, express, implied or statutory. IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WILL NOT APPLY. Technical or other advice is furnished by us solely as an accommodation and shall not increase the scope of our responsibilities or liability. Seller's warranty obligations and Buyer's remedies hereunder are solely and exclusively as stated herein: In no event will Seller be liable either for the labor and other associated costs incurred in replacing the product, including, but not limited to, its removal and application, or for other incidental or consequential damages.