

StanChem

polymers

StanChem SC 6829

Description:

StanChem SC 6829 is an all-acrylic copolymer latex that provides excellent adhesion and flexibility to a variety of industrial coatings, sealants and adhesives. With its low glass transition temperature, SC 6829 is particularly suited for flexible wall and roof coatings requiring good dirt pick up resistance.

Typical Physical Properties:

| | |
|---------------------------|---------------------|
| Type: | Acrylic Emulsion |
| Solids by weight: | 55.0 – 56.0% |
| Viscosity* @ 25°C: | <1000 cps |
| pH @ 25° C: | 7.0 - 8.0 |
| Density: | 8.60 ± 0.10 lbs/gal |
| Tg (DSC): | - 33°C |

*Brookfield RVT, #3 Spindle @ 60 RPM

Storage: SC 6829 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.



StanChem SC 6829 White Elastomeric Coating

Components

| | | |
|-------------------|-------------------------------|---------------|
| <u>Grind</u> | Deionized Water | 95.10 |
| | Tamol 901 | 3.62 |
| | Propylene Glycol | 5.43 |
| | Defoamer 677 | 2.26 |
| | KTPP | 0.91 |
| | Calcium Carbonate | 271.71 |
| | Titanium Dioxide | 45.29 |
| | Zinc Oxide | 27.17 |
| | | |
| <u>Letdown</u> | StanChem SC 6829 | 507.20 |
| | Defoamer 677 | 1.81 |
| | DPNB | 5.43 |
| | Ammonium hydroxide | 1.81 |
| | Natrosol 250 MXR | 3.62 |
| | Propylene Glycol | 8.15 |
| | Water | 20.03 |
| | Mergal BIT 20W | 0.45 |
| | | |
| <u>Properties</u> | Weight % Solids | 63.5% |
| | Volume % Solids | 52.6% |
| | PVC | 30.9% |

Film Properties

| | <u>SC 6829</u> | <u>Rhoplex EC 1791</u> |
|---|----------------|------------------------|
| Tensile Strength at 100% elongation | 309 psi | 264 psi |
| Max Elongation | 307% | 283% |
| Impact resistance, at -15°F | 160 /160 | 160/160 |
| Mandrel Bend, at -15°F | pass | pass |

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