

NovaCryl™ 3088

Styrene Butadiene Adhesive for Permanent or Tight Removable Pressure Sensitive Applications

Description

NovaCryl 3088 adhesive is a carboxy modified styrene/butadiene latex which can be used alone or in tackified adhesives for PSA applications. This adhesive displays low to moderate initial tack, initial adhesion and ultimate adhesion and excellent shear strength. **NovaCryl 3088** is compatible with many formulating ingredients such as wetting aids, thickeners, etc.

Typical Dispersion Properties

| Property | Typical Value |
|--|---------------|
| % Solids | 50% |
| Viscosity (Brookfield, #2 Spindle, 60 RPM) | 50 – 150 cps |
| Glass Transition Temperature (Tg) Calculated | -50°C |
| Ionic Character | Anionic |
| pH | 7 - 8 |
| Pounds/Gallon | 8.3 |
| Specific Gravity | 1.0 |
| Surface Tension | 50 dynes/cm |
| Average Particle Size | 175 - 215 nm |
| Mechanical Stability | Excellent |

Typical Adhesive Properties

| Property | Test Method | Typical Value |
|---|---|---|
| 180° Peel Adhesion, Stainless Steel | PSTC 101 - after 30 minutes - after 24 hrs - after 1 week | 0.8 pounds/inch 2.5 pounds/inch 2.8 pounds/inch |
| Loop Tack, Stainless Steel | PSTC 16 | 0.7 pounds/inch width |
| Static Shear, Stainless Steel ½" x ½", 500 gram load | PSTC 107 | > 100 hours |

All adhesion property testing was done on direct coated 2 mil Polyester facestock, no latex modifications.
Target coating weight = 22 g/m².

Coater Ready Products

NovaCryl 3088 A – Wetting Aid Added
 NovaCryl 3088 B – Wetting Aid, Defoamer Added
 NovaCryl 3088 C – Wetting Aid, Defoamer Added, Adjust Viscosity/Solids

NOTE:

Although the data supplied above is believed to be accurate, each user is advised to make an independent determination as to whether the described product(s) is/are appropriate for a particular use or application, whether such use will comply with all applicable laws or regulations, or whether such use will infringe the intellectual property rights of third parties.

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