

NovaCryl™ PS-P 170

Pressure Sensitive Permanent Adhesive

Description

NovaCryl PS-P 170 adhesive can be used alone or in formulated adhesives for permanent or tight removable applications. This adhesive displays moderate initial tack and adhesion and builds to a permanent level on most surfaces. NovaCryl PS-P 170 is compatible with many formulating ingredients such as wetting aids, viscosity modifiers, etc.

Typical Dispersion Properties

Property	Typical Value
% Solids	59 – 61%
Viscosity (Brookfield, #3 Spindle, 60 RPM)	< 1000 cps
Glass Transition Temperature (Tg) Calculated	-37°C
Ionic Character	Anionic
pH	4 – 6
Pounds/Gallon	8.6
Specific Gravity	1.04
Surface Tension	38 dynes/cm
Average Particle Size	200 – 500 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	2.2 pounds/inch 2.3 pounds/inch 3.3 pounds/inch
Loop Tack, Stainless Steel	PSTC 16	1.8 pounds/inch width
Static Shear, Stainless Steel ½" x ½", 500 gram load	PSTC 107	> 15 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 PS-P 171 – Wetting Aid Added
 NovaCryl PS-P 172 – Wetting Aid, Defoamer Added
 NovaCryl PS-P 173 – 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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