



NovaCryl™ PS-R 100

Acrylic Latex Adhesive for Removable Pressure Sensitive Applications Complies with FDA 21 CFR 175.105

Description

NovaCryl PS-R 100 adhesive can be used alone or in formulated adhesives for removable applications. This adhesive displays low initial tack and adhesion and builds to a moderate removable level on most surfaces.

NovaCryl PS-R 100 is compatible with many formulating ingredients such as wetting aids, viscosity modifiers, etc. This adhesive is removable from most surfaces but should be thoroughly tested in actual end-use conditions to ensure that the desired performance is achieved.

Typical Dispersion Properties

Property	Typical Value
% Solids	59 – 61%
Viscosity (Brookfield, #2 Spindle, 60 RPM)	200 – 500 cps
Glass Transition Temperature (Tg) Calculated	-37°C
Ionic Character	Anionic
pH	7 – 8
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	0.7 pounds/inch 1.1 pounds/inch 1.5 pounds/inch
Loop Tack, Stainless Steel	PSTC 16	0.9 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 PS-R 101 – Wetting Aid Added
NovaCryl PS-R 102 – Wetting Aid, Defoamer Added
NovaCryl PS-R 103 – 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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OMNOVA Solutions Inc. • 1455 J.A. Cochran ByPass • Chester, SC 29706
Telephone • 803-385-5181 • www.omnova.com

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