

Covinax 258-10

Covinax 258-10 is a surfactant stabilized acrylic copolymer developed for use as a freezer grade pressure sensitive adhesive. It has extremely low glass transition temperature allowing it to adhere to frozen surfaces and its aggressive tack permits application through thin layers of moisture or frost. It is transfer coatable on most roll coaters.

PHYSICAL PROPERTIES

Polymer Type: Acrylic

Protective System: Anionic

Color: White

Viscosity (cps): 240 - 580 (RVF, Spindle #2/50 RPM /77°F)

Percent Solids: 55.5% - 58.5%

pH : 5.0 - 6.0

Weight Per Gallon: 8.50

Shelf Life: 4 months

Freeze/Thaw Stability: Unstable

Glass Transition Temperature (T_g)(DSC): -67° C



PERFORMANCE PROPERTIES

A 1mil (28g/m²) dry film of **Covinax 258-10** cast directly onto 1mil thickness polyester film will exhibit the following average performance properties when tested on #304 stainless steel, which has a #3 surface finish.

Test	Typical Values	Specification Range
180° Peel Adhesion ¹ (lbs)	0.98	0.70 minimum
Loop Tack ² (lbs)	2.0	1.5 minimum

FDA Compliance: 21 CFR 175.105

¹Franklin International 03QC5002, 30 minute dwell

²Franklin International 03QC5004, 1 square inch contact, 1 second dwell

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