

Micronax 300-01

Micronax 300-01 is a REACH compliant and APE-free microsphere product. It boasts consistent adhesion and carries improved mechanical stability and low foam generation during the coating process. **Micronax 300-01** can be used as is or formulated for specific applications. This product features binderless spheres that are permanently repositionable, with moderate comparative peel and tack. It is designed for direct coating using Mayer rod, slot-die, or gravure methods. Transfer coating is not appropriate for this adhesive.



PHYSICAL PROPERTIES

Polymer Type: Acrylic

Protective System: Surfactant Stabilized

Color: White

Viscosity (cps): 300 - 1000 (RVF, Spindle #2/20 RPM, 77°F)

Percent Solids: 40.0 - 44.0

pH: 8.0 - 9.5

Density: 8.4 lb/gallon

Freeze/Thaw Stability: Unstable

Shelf Life: 6 months

Glass Transition Temperature (Tg): (DSC): Onset: -70.0°C

PERFORMANCE PROPERTIES

A 0.5 mil (14g/m²) dry film of **Micronax 300-01** cast directly onto 1 mil 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	Target Range
180° Peel Adhesion ¹ (lb/in)	0.05	0.04 - 0.15 maximum
Loop Tack ² (lb/in)	0.10	0.05 - 0.5 maximum

*AGITATE PRODUCT AT MODERATE SPEED USING AN APPROPRIATE AIR MIXER BEFORE USE.

¹Franklin International 03QC5002, 30-minute dwell.

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

IMPORTANT NOTICE TO CUSTOMER:

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