

# SNOWTACK™ 100G

## Water-Borne Tackifier

**IMPORTANT CHARACTERISTICS:**

**Snowtack™ 100G** is a 57% solids, water-borne tackifier dispersion with a very high softening point. Like other Snowtacks, it is 100% solvent free. The resin component of **Snowtack 100G** is a high grade stabilized rosin ester system designed to provide superior adhesive performance to a wide range of substrates. The dispersion has a fine particle size with a narrow distribution curve. **Snowtack 100G** is alkylphenol ethoxylate (APE) free. The stabilizer is Polymeric.

All **Snowtacks** must be protected from freezing conditions. Care should be taken with handling procedures and equipment to avoid the formation of foam.

**APPLICATIONS:**

- Water-Borne Pressure-Sensitive Adhesive
  - Paper label, filmic label and tape
- Water-Borne Adhesive
  - Automotive
  - Building and construction

**BENEFITS:**

- Compatible with acrylic, SBR and NR polymers
- Improves adhesion to high and low energy surfaces
- Very high cohesion
- Very good mechanical stability
- Good water and heat resistance
- APE free

**Typical Properties**

| Property               | Value         | Test Method / Standard            |
|------------------------|---------------|-----------------------------------|
| Solids                 | 57%           | Oven drying; 45 mins, 135°C       |
| Viscosity              | 300 mPa.s     | Brookfield, #3, @ 50 rpm, 20°C    |
| pH                     | 9             | pH electrode (20°C)               |
| Sieve Residue          | < 50 ppm      | 100 micron filter                 |
| Particle Size (AVG)    | 0.6 micron    | Laser diffraction analyzer        |
| Density (25°C)         | < 1.02 g/ml   | (25°C)                            |
| Softening Point        | 99°C          | Mettler (dried down dispersion)   |
| Acid Value             | < 20 mg KOH/g | Titration (dried down dispersion) |
| Glass Transition Point | 60°C          | DSC (dried down dispersion)       |

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For further information, please contact your sales or technical representative.

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