



Product Data Sheet

AQUATAC™ XR4338

Produced in Sandarne, Sweden

AQUATAC™ XR4338 is a unique waterborne tackifier combining high solids content with high adhesion performance and stability at high speed. Pressure sensitive adhesives formulated with XR4338 will have aggressive tack and peel and give a unique balance of room temperature and low temperature adhesion, thus giving a wider window of application for PSA formulators.

AQUATAC™ XR4338 is compatible with acrylics and carboxylated SBR lattices and it has excellent adhesion retention on aging. AQUATAC™ XR4338 coats well at high speeds on reverse gravure, slot die and curtain coaters.

FEATURES

- Excellent low temperature performance
- Higher solids
- Unique surfactant system

- Low colour/odour of base resin
- Excellent mechanical stability

BENEFITS

- Formulating flexibility
- Lower freight costs
- Enhanced adhesive physical properties
- Improved ageing resistance
- Resistance to humidity
- Better acceptance of finished product
- Trouble-free running
- Ease of clean up
- Excellent coat-ability

SUGGESTED APPLICATIONS

Pressure sensitive adhesives where all temperature performance is required (Waterborne)

PHYSICAL PROPERTIES- BASE RESIN	TYPICAL VALUES
Softening Point, Ring & Ball, °C	65
Colour, Gardner, 1:1 in toluene	2
Acid number, ASTM D 803-65	18



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PHYSICAL PROPERTIES-DISPERSION	SPECIFICATIONS
Solids content, %	59-62
Viscosity ¹ , mPa·s	200 - 1000
pH	8.0-9.5
	TYPICAL VALUES
Density at 20 °C, kg/m ³	1020
Particle size, microns	0.4
Appearance	Off white (free of grit)

1. Brookfield #3 Spindle @ 50 RPM @ 25°C.

COMPATIBILITY	AQUATAC™ XR4338 Resin Dispersion is compatible with acrylics, carboxylated SBR lattices and Natural Rubber lattices over a wide pH-range.
FDA STATUS	AQUATAC™ XR4338 is approved for use under the following section of Title 21 (Food and Drug) of the Code of Federal Regulations: 175.105 Adhesives
SHIPPING AND STORAGE	AQUATAC™ XR4338 is solvent-free and must be protected from exposure to temperatures below 5 °C. In addition, all containers must be kept closed to prevent skin formation which would require filtering.
AVAILABLE FORMS/PACKAGING	1000 kgs in IBC's or bulk
SHELF LIFE	6 months after dispatch from the plant.
SAFETY INFORMATION	Please refer to Safety Data Sheet



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