



Product Data Sheet

Date: 1/06

AQUATAC® E5375 Dispersion (Formerly XR-4312)

AQUATAC® E5375 is a rosin ester dispersion for waterborne pressure sensitive adhesives. This dispersion has been designed for use in pressure sensitive adhesives with an excellent balance of loop, shear, and peel properties for label and tape applications, and is suitable for high-shear coating processes. AQUATAC® E5375 is compatible with acrylics and carboxylated SBR lattices and other lattices.

PHYSICAL PROPERTIES

<u>Property</u>	<u>Specifications</u>	<u>Typical Analysis</u>
Solids content, %	51 – 53	52
Viscosity, cps, 25 °C	300 – 700	500
pH	7.5-8.5	8.4
Particle size, mean, microns	<0.3	<0.2

Base Resin - PROPERTIES

<u>Property</u>	<u>Specifications</u>	<u>Typical Analysis</u>
Softening point, Ring & Ball, °C	75 – 85	78
Acid number	16 -22 max.	20
Color, Gardner, neat	5 max.	5

Benefits

- Low color/low odor base resin
- Tailored base resin
- Mechanical stability

Features

- Better acceptance of finished products
- Excellent balance of adhesive shear, tack and peel
- Satisfactory performance with broad range of coating processes, including high-shear

SUGGESTED APPLICATIONS:

- PSAs for tape, label and decal applications intended for high speed coating

AVAILABLE FORM/PACKAGING:

- Liquid in drums, totes and bulk

MATERIAL SAFETY DATA SHEET

- Refer to # 7297

*Arizona Chemical Test Methods available on request.



Technical Service: Savannah, GA (912) 238-6556
Sales Service: Jacksonville, FL - (800) 733-1374

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FOOD AND DRUG ADMINISTRATION COVERAGE

AQUATAC® E5375 meets the ingredient requirements of the following section of the Code of Federal Regulations, Title 21 when used according to the regulations and any limitations that may apply:

175.105 Adhesives



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