

AQUATAC™ E 6180 Dispersion

PRODUCT DATA SHEET

AQUATAC E 6180 resin dispersion is an alkyl phenol-free rosin ester dispersion designed for high-performance waterborne pressure sensitive adhesives using the latest in surfactant technologies. It was developed for use in label and tape applications requiring an excellent balance of loop, shear, and peel properties while maintaining mechanical stability when used on high mechanical shear adhesive coating processes.

FEATURES:

- High solids
- High shear and mechanical stability
- AQUATAC E 6180 resin dispersion contains 98% USDA certified biobased content

POTENTIAL APPLICATIONS:

- Pressure sensitive adhesives (PSA)
- Flooring

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Solid Content (%)	AQCM 029	59-63	61
Viscosity (mPa.s)	AQCM 004	200-600	380
pH	AQCM 035	8.5-9.5	9.1

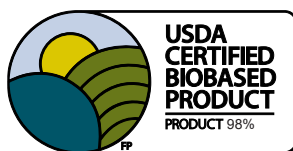
*Kraton test methods are available upon request

TYPICAL VALUES

Property Base Resin	Test Method*	Typical Value
Softening Point	AQCM 003	80
Acid Number	AQCM 001	22
Color, Gardner, neat	AQCM 002	5

*Kraton test methods are available upon request

COMPATIBILITY	AQUATAC™ E 6180 resin dispersion is compatible with <ul style="list-style-type: none"> - Acrylics - Carboxylated SBR lattices - Natural Rubber lattices over a wide pH-range
PACKAGING	AQUATAC E 6180 resin dispersion is delivered in totes or bulk.
STORAGE RECOMMENDATION	AQUATAC E 6180 resin dispersion is solvent-free and must be protected from freezing. In addition, all containers must be kept closed to prevent skin formation which would require filtering.



The USDA Certified Biobased Product label is a certification mark of the U.S. Department of Agriculture.

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