

## 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

#### POTENTIAL APPLICATIONS:

- Pressure sensitive adhesives (PSA)

### SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Solid Content (%)	AQCM 029	59-63	61
Viscosity, mPa.s	AQCM 004	200-600	378
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

<b>COMPATIBILITY</b>	AQUATAC E 6180 resin dispersion is compatible with <ul style="list-style-type: none"><li>- Acrylics</li><li>- Carboxylated SBR lattices</li><li>- Natural Rubber lattices over a wide pH-range</li></ul>
<b>PACKAGING</b>	AQUATAC E 6180 resin dispersion is delivered in drums, totes or bulk.
<b>STORAGE RECOMMENDATION</b>	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.

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