



Renewable Resources.
Endless Possibilities.™

Tackifier Dispersions





Tackifier Dispersions

Dispersions for High Speed Coating Operations

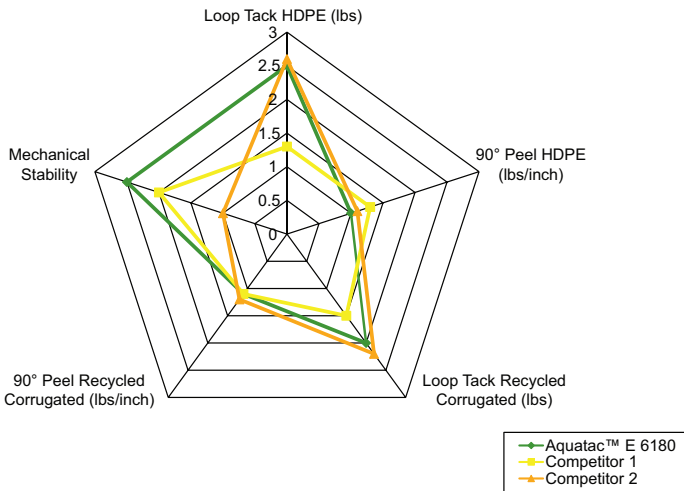
AQUATAC™ E 6180 and AQUATAC™ E 5375 are dispersions that offer a good balance of adhesive properties without compromising coatability. Other dispersions may offer similar performance, but the mechanical stability of AQUATAC™ E 6180 and AQUATAC™ E 5375 allow these dispersions to be utilized in formulations designed for high speed coating operations.

AQUATAC™ E 6180 is a high solid dispersion that exhibits outstanding mechanical stability and static shear properties.

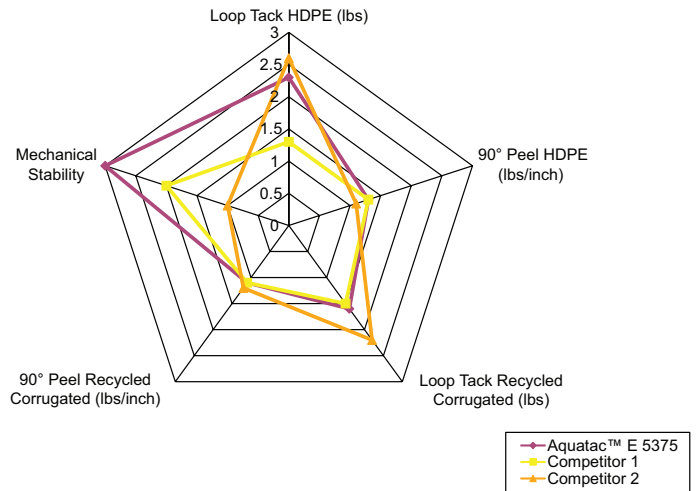
AQUATAC™ E 6180 and AQUATAC™ E 5375 are compatible with acrylics and carboxylated SBR lattices. The dispersion can be formulated to work on various coating lines including Curtain, Slot Die, and Reverse Gravure coaters.

AQUATAC™ E 5375 combines superior mechanical stability with good performance on HDPE.

2 MIL (POLYESTER) FACE STOCK,
25% TACKIFIER IN STANDARD ACRYLIC POLYMER



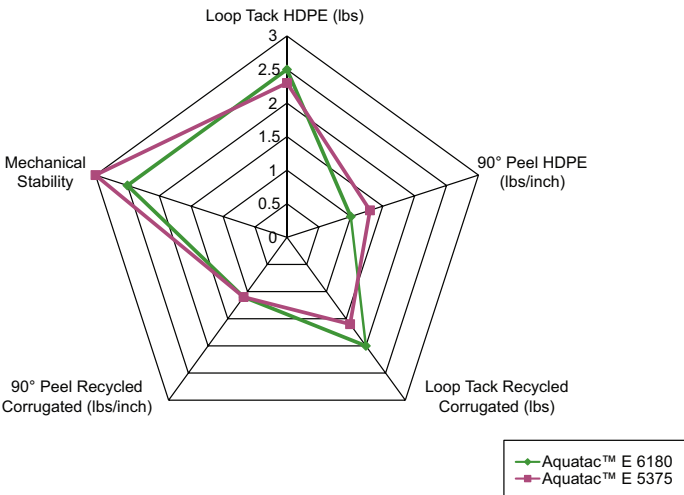
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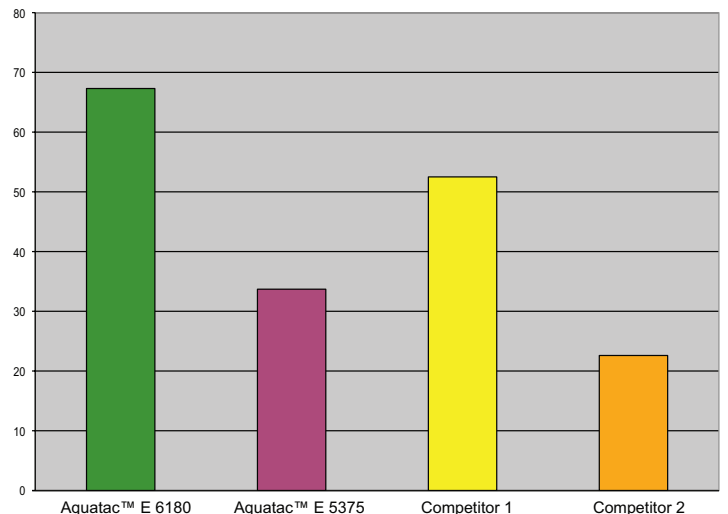
Though their properties appear similar, AQUATAC™ E 6180 and AQUATAC™ E 5375 differ in terms of solids content, loop tack on recycled corrugated, and mechanical stability.

Depending on your formulating needs, AQUATAC™ E 6180 and AQUATAC™ E 5375 offer options for tailoring static shear performance.

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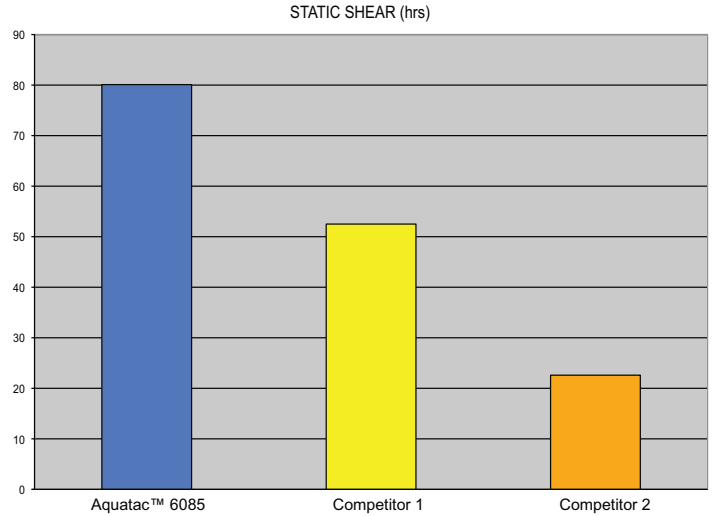
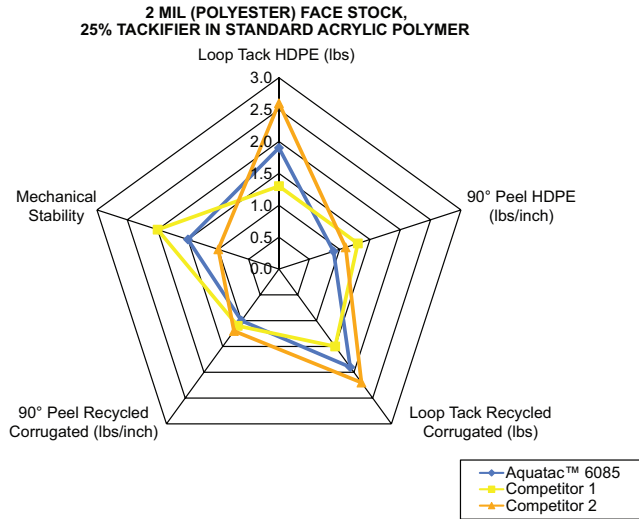
STATIC SHEAR (hrs)



Dispersions for Tape Applications

AQUATAC™ 6085 is an aqueous dispersion ideal for tape formulations that require a good balance of properties with exceptional static shear performance. The viscosity of AQUATAC™ 6085 allows the product to be utilized in formulations targeted in higher coat weigh applications.

Compatible with a wide range of acrylics and carboxylated SBR lattices, AQUATAC™ 6085 can be formulated to work on coating lines including Reverse Gravure, Reverse Roll, Slot Die, and Meyer Rod.



Modifying Dispersion

AQUATAC™ 6025 is a high solids dispersion that can be used as a modifying agent to tailor properties of AQUATAC™ 6085. It provides improved tack and peel on low surface energy substrates.

Sample Preparation and Testing:

- 90° Peel measured using PSTC #5
- Loop Tack measured using PSTC #16
- Static Shear measured using PSTC #107
- Shear samples run 1"x 1"x 1000 grams. 30 minute wet out prior to hanging weights.

Tackifier Dispersions

These resin dispersions are designed for use in water-based adhesives and sealants. They provide adhesive formulating flexibility to achieve optimum performance properties for pressure sensitive and non-pressure sensitive adhesives. They are compatible with a broad

range of waterborne polymers, including natural rubber, C-SBR, SBR, polychloroprene and acrylic lattices. All dispersions conform to FDA 175.105, adhesives.

	Resin Softening Point (°C)	Dispersion			Tack	Peel	Shear	Mechanical Stability
		%solids	pH	Viscosity (cps/mPas)				
AQUATAC™ 6085	82	61	7.4	4800	BETTER	BETTER	BEST	GOOD
AQUATAC™ E 5375	78	52	8.2	500	GOOD	BEST	BETTER	BEST
AQUATAC™ E 6180	80	61	9.0	340	BETTER	BETTER	BETTER	BETTER
AQUATAC™ 6025	26	61	7.6	5600	BEST	GOOD	GOOD	GOOD

Our green tradition drives your green future

Sustainable solutions globally

Arizona Chemical has principal executive offices in Jacksonville, USA and Almere, the Netherlands.

We have ten production sites in the US and Europe. Through our global network of more than sixty sales offices and distributors, we are able to serve our customers all over the world.



Contact us:

Principal Executive Offices:

Jacksonville, Florida, US
Tel: +1 800 526 5294

Almere, The Netherlands
Tel: +31 36 5462 800

Representative Offices:

Miami, Florida, US
Tel: +1 305 377 8754

San Juan del Rio, Mexico
Tel: +52 427 272 99 85

Shanghai, China
Tel: +86 21 6237 0196

Singapore
Tel: +65 6253 8500

St. Petersburg, Russia
Tel: +7 812 495 47 10

www.arizonachemical.com

NORTH AMERICA EDITION
FEBRUARY 2011
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