



QUAKER COLOR

DIVISION OF McADOO & ALLEN, INC.

201 S. HELLERTOWN AVENUE P.O. BOX 219
QUAKERTOWN, PENNSYLVANIA 18951-0219
(215) 536-3520 FAX (215) 536-6464
www.quakercolor.com

Technical Data Sheet

Product Code: AT-1343

DESCRIPTION

AT-1343 is a halogen free, formaldehyde free ready to use coating for flexible plastic substrates or synthetic leather.

AT-1343 has outstanding flexibility and abrasion resistance. AT-1343 should be crosslinked with carbodiimide at 7% level.

APPLICATIONS

- Automotive Interior

FEATURES

- Low gloss
- Pleasant haptics
- Excellent resistance to mineral oil
- Stain and Soiling Resistance
- Excellent Bally Flex
- Excellent abrasion
- NMP Free

TYPICAL PROPERTIES

NV%	24-26
pH	7.6-8.0
Viscosity, cPs	Max 300 cPs
Gloss, 60°	<2

STORAGE

Store in a cool, dry place, preferably less than 80°F, to ensure a useful shelf life of 18 months. Protect from freezing. Mix before use.



A Step Ahead...

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TEST RESULTS

Dry Film Thickness	0.4 mils
Cure Conditions	2 min @ 80° C, 7 days @ 25° C
Substrate	Vinyl
Crosslinker	7 % XL-1219 supplied by Quaker Color or XL-702 supplied by Picassian

The crosslinker is calculated based on total formula weight. The pot life could be several days when @ pH>8.5.

Taber abrasion, Carbodiimide X-Linker

SC10, 1000g 1000 cycles	No grain loss, 0.006 g loss
SC10, 1000g 2000 cycles	No grain loss, 0.010 g loss

Chemical Resistance

Hot Oil resistance, TSL5601G	Pass
GM Sunscreen and Insect Repellant	Pass
GM Indigo Staining Resistance	AATCC/ISO 105, cleans to 4-5

Bally Flex

100000 cycles	Pass
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Quaker Color manufactures all its products under carefully controlled conditions to meet rigid specifications. The values given in this publication are typical values intended as guidelines for the use of the products, they are not specifications. It is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Should you require the actual specifications currently enforced on specific products contact your Quaker Color representative for the appropriate information.