



ADVANCED POLYMER, INC.

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AdvaPel® 776-CT

AdvaPel® 776-CT is a cationic fluoropolymer emulsion that has been designed to impart excellent water and oil repellency to all types of fabric substrates especially cotton. AdvaPel® 776-CT also showed excellent dynamic water repellency specifically on cotton. AdvaPel® 776-CT is non-C-8 based fluoroalkyl compound and as such, is considered to be non-PFOA contributing. The performance of AdvaPel® 776-CT is durable through extended home laundering.

CHARACTERISTICS

- Normally applied via padding.
- Heat drying and curing is required to develop properties.
- Versatile: Effective on all types of fabric and carpet substrates
- Excellent dynamic water repellency on cotton
- Performance is durable through extended home laundering.
- Non-C-8 based fluoroalkyl compound.
- Non-flammable.

APPLICATION

*****AdvaPel® 776-CT is designed for commercial/industrial application only. It cannot be used in retail products or any other form that is intended for consumer use.*****

PERFORMANCE DATA

AdvaPel® 776-CT was diluted with water to 1% solid concentrations and padded onto different types of fabric. To get an accurate indication of performance, both natural and synthetic fabrics were used. After application the fabric swatches were analyzed for oil and water repellency.

Method of Application: Pad bath (pad pressure = 40 psi)

TYPICAL PROPERTIES

Appearance:	Milky white emulsion
Solid Content:	30%
pH:	5.0
Carrier Solvent:	Water
% VOC:	0*
Specific Gravity (@ 25°C):	1.03

* According to Consumer Products US EPA LVP Exemption

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AdvaPel® 776-CT

Wet Pick-up, Dry & Cure Temperatures, and Fabric Weight:			
FABRIC	WET PICK-UP	DRY & CURE	FABRIC WEIGHT
100% Cotton Twill	70%	325° F x 4 minutes	258 grams/m ²
100% Polyester	73%	325° F x 4 minutes	126 grams/m ²
100% Nylon 66	55%	325° F x 4 minutes	190 grams/m ²
50/50 Cotton Polyester	80%	325° F x 4 minutes	104 grams/m ²

RESULTS

Test Method	100% Cotton Twill	100% Polyester	50/50 Cotton Polyester	Nylon
Water Repellency (AATCC TM-193)	12	11	12	11
Oil Repellency (AATCC TM-118)	6	6	6	6
Water Spray (AATCC TM-22)	100	100	80	100
Water Spray (AATCC TM-42)	100	80	75	85

PACKAGING

AdvaPel® 776-CT is available in 8 oz. samples and 441-lb. drums.

STORAGE

Protect AdvaPel® 776-CT from freezing. Perishable if frozen.

You may also be
interested in . . .

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I want to know more!

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