



ADVANCED POLYMER, INC.

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AdvaPel® 775

AdvaPel® 775 is a cationic fluoropolymer emulsion that has been designed to impart excellent water and oil repellency to all types of fabric substrates. AdvaPel® 775 is non-C-8 based fluoroalkyl compound and, as such, is considered to be non-PFOA contributing. The performance of AdvaPel® 775 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 water repellency subjected to dynamic conditions.
- Performance is durable through extended home laundering.
- Non-C-8 based fluoroalkyl compound.
- Non-flammable.

APPLICATION

AdvaPel® 775 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® 775 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)

Method of Drying & Curing: 325°F x 4 minutes

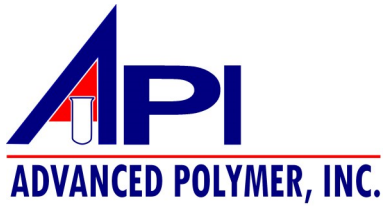
*** Please note that these conditions can be changed to best fit your process at different time and temperature.

TYPICAL PROPERTIES

Appearance:	Milky white to pale yellow emulsion
Solid Content:	20%
pH:	~4.0
Carrier Solvent:	Water
% VOC:	0*
Specific Gravity (@ 25°C):	1.06

*According to Consumer Products US EPA LVP Exemption

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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	12	12	12
Oil Repellency (AATCC TM-118)	5	6	6	6
Water Spray (AATCC TM-22)	100	100	100	100
Water Spray (higher distance)	100	100	100	100

PACKAGING

AdvaPel® 775 is available in 8 oz. samples and 441-lb. drums.

STORAGE

Protect AdvaPel® 775 from freezing. Perishable if frozen.

You may also be interested in . . .

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I want to know more!

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