



ADVANCED POLYMER, INC.

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AdvaPel® 734

AdvaPel 734 is a water-based fluorochemical finishing agent that provides excellent water and oil repellency, and soil resistance on upholstery fabrics and carpets. AdvaPel 734 produces a durable finish that helps treated fabrics retain their fresh new look longer. AdvaPel 734 can be used on all types of upholstery fabric and carpet including synthetics, natural fibers and their blends. AdvaPel 734 is a non-C-8 based fluoroalkyl compound and, as such, is considered to be non-PFOA contributing.

CHARACTERISTICS

- Air Dry: Heat curing is not needed to develop properties.
- Versatile: Effective on all types of fabric and carpet substrates.
- Easy to use: Fine particle size emulsion that dilutes readily in water for air-dry applications.
- Non-C-8 based fluoroalkyl compound.
- Non-flammable.

APPLICATION

In general, 4 to 10 ounces/gallon dilution is **pump spray applied** at approximately 2 ounces/square yard, followed by air drying. A uniform spray is essential to insure an optimum treatment.

** DO NOT AEROSOLIZE

PERFORMANCE DATA

- Fabric specimens of acrylic fabric, 100% cotton twill, and 100% Nylon 66 were treated with AdvaPel 734 at 1 %, 1.5% and 2% fluoropolymer solids.
- Each dilution was applied by spray. Approximately 90% to 100% (±10%) wet pickup was achieved.
- Samples were allowed to air dry for approximately 24 hours, and then evaluated for oil and water repellency using AATCC test method procedures.

Procedure for Determining Oil Repellency (AATCC Test Method #118):

Beginning with the highest numbered test liquid, carefully place one drop in several locations on the fabric. Repeat with lower numbered liquids until the lowest number is reached that does not wet out the surface in 30 seconds. The oil repellency rating numbers are based on

TYPICAL PROPERTIES

Appearance:	Off white, milky emulsion
Solid Content:	30%
pH:	3.2
Carrier Solvent:	Water
% VOC:	≤1.0
Specific Gravity (@ 25°C):	1.09

Note : <6% VOC is exempt according to Consumer Products US EPA LVP Exemption

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the following:

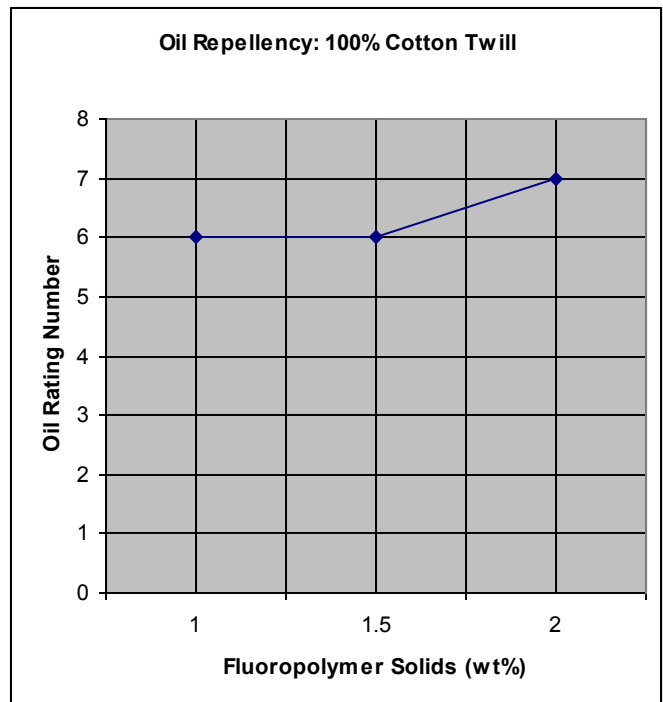
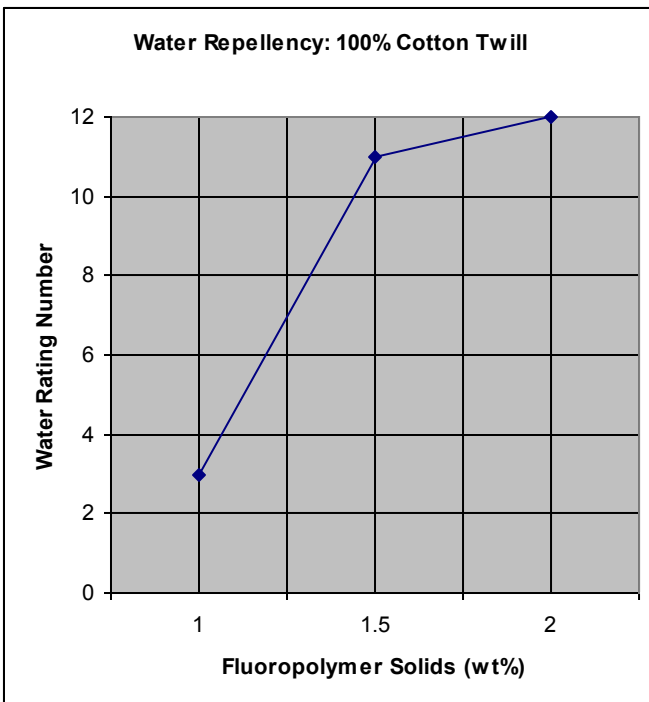
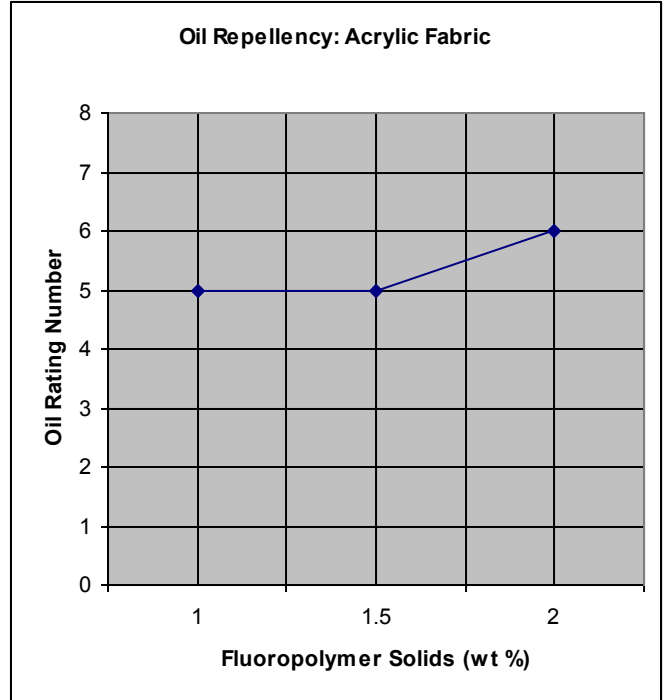
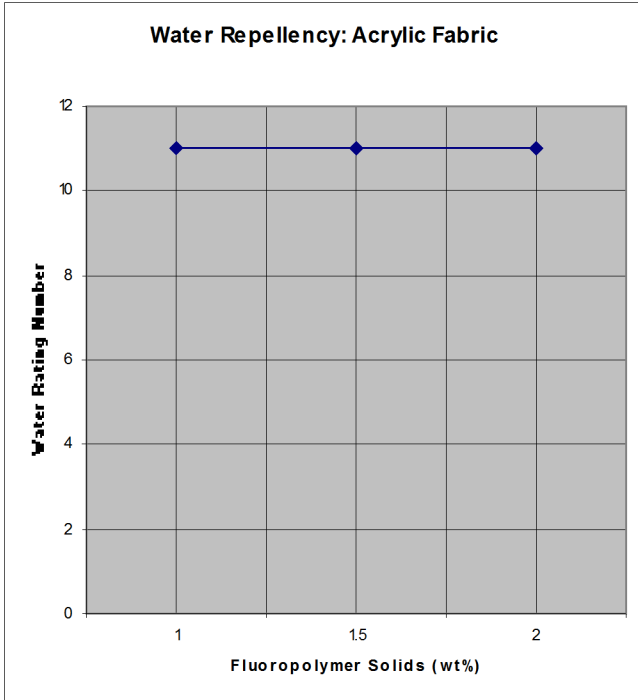
Procedure for Determining Water Repellency:

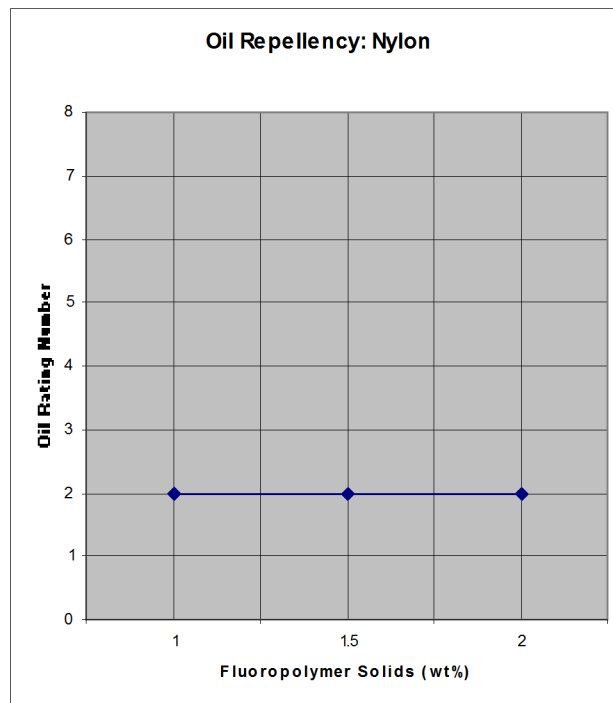
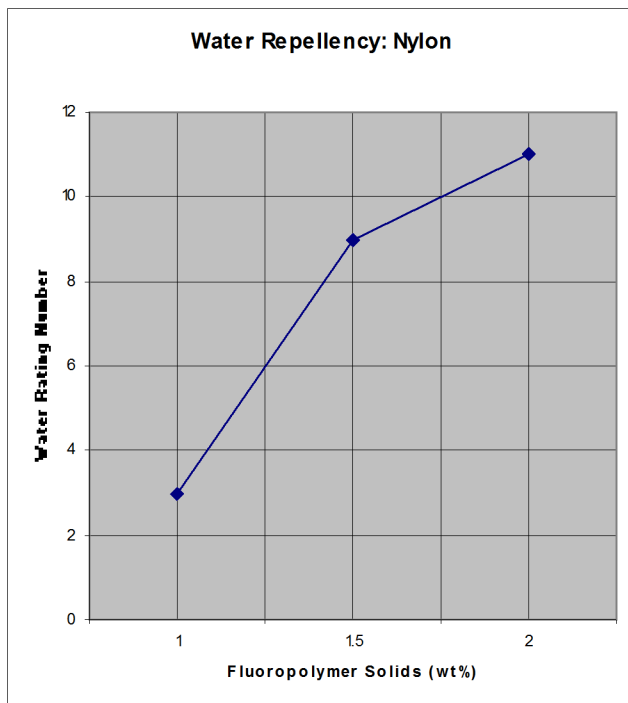
OIL REPELLENCY NUMBER	OIL COMPOSITION
1	Kaydol (Mineral Oil)
2	65/35 Kaydol/n-Hexadecane
3	n-Hexadecane
4	n-Tetradecane
5	n-Dodecane
6	n-Decane
7	n-Octane
8	n-Heptane

Beginning with the highest numbered test liquid, carefully place one drop in several locations on the fabric. Repeat with lower numbered liquids until the lowest number is reached that does not wet out the surface in 10 seconds.

WATER RATING NUMBER	IPA CONCENTRATION	WATER CONCENTRATION
1	2%	98%
2	5%	95%
3	10%	90%
4	20%	80%
5	30%	70%
6	40%	60%
7	50%	50%
8	60%	40%
9	70%	30%
10	80%	20%
11	90%	10%
12	100%	0%

AdvaPel® 734





STORAGE

When stored in a sealed container at temperatures between 5°C and 30°C, AdvaPel 734 has a prolonged shelf life.

PACKAGING

AdvaPel 734 is available in 8 oz. samples and 441-lb. drums.

STORAGE

Protect AdvaPel® 734 from freezing. Perishable if frozen.

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I want to know more!

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You may also be interested in . . .

- AdvaPel 727
- AdvaPel 801
- AdvaPel 805

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