



# StarPel™ FC 2655

## Fluoroalkyl acrylate copolymer emulsion

### Preliminary Product Description

Being based upon C6 fluoroalkyl copolymer the STARPEL™ FC 2655 is an eco-friendly, durable oil and water repellent for polyester, cotton, nylon fabrics and nonwovens.

STARPEL™ FC 2655 is compatible with most finishing products normally used in pad finishing.

### Special Properties

- Imparts durable oil, water & alcohol repellency
- Built-in crosslinker
- Extreme durability
- Non-flammable
- Maintains soft hand

### Typical Physical Properties\*

Appearance.....liquid emulsion  
 Color.....off-white  
 Ionicity.....weakly cationic  
 pH (100%)..... 2.0–5.0  
 Odor.....mild  
 % Solids.....29.0–31.0

Solubility.....dispersible in water

*\* These items are provided as general information only. They are approximate values and are not considered part of the product specifications.*

### Application

STARPEL™ FC 2655 is generally applied by padding in a finishing application and allows for a soft hand. The product should be dried and then cured on the fabric or nonwoven material.

### Usage Levels

<b>Fabric</b>	100% Cotton
<b>Usage Level</b>	3.0-6.0% owb
<b>% Wet Pick-up</b>	60-70
<b>Curing Conditions</b>	320-360°F (160-182°C) for 1 min
<b>Fabric</b>	Pulp/SMS Nonwoven
<b>Usage Level</b>	2.0-4.5% owb
<b>% Wet Pick-up</b>	100-130
<b>Curing Conditions</b>	275-320°F (135-160°C) for 2 min
<b>Fabric</b>	100% Polyester
<b>Usage Level</b>	3.0-5.0% owb
<b>% Wet Pick-up</b>	50-60
<b>Curing Conditions</b>	340-380°F (171-193°C) for 1 min
<b>Fabric</b>	100% Nylon
<b>Usage Level</b>	3.0-6.0% owb
<b>% Wet Pick-up</b>	50-60
<b>Curing Conditions</b>	340-380°F (171-193°C) for 1 min

### Expected Results

Durability to home laundry up to 30 washes possible based upon optimum conditions and fabric processed.

### Storage

If exposed to temperatures below 32°F (0°C) for long periods, STARPEL™ FC 2655 may freeze. If this occurs, thaw at room temperature and mix well before using.

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