

## UNIPLEX FE-700N

### Fluorochemical Additive

**Description:** A solid fluorochemical stearate ester containing 46.7 % aliphatic fluorine. This product is useful in improving water, alcohol, and oil repellence of various polymeric systems. Resin systems compounded with this product have high chemical resistance, minimal thermal discoloration, and excellent light stability and dielectric properties. The normal starting use level is 2500-4000 ppm Fluorine to achieve the above mentioned properties.

**Applications:** Soil resistant PVC Resins for outdoor uses.  
Medical applications (polypropylene non-wovens) where resistance to alcohol, blood, and urine is required.

**Typical Properties:**

Fluorine Content (%)	46 min.
Thermal Stability (5% Loss)	225°C
Melting Range (°C)	40-46
Flash Point (°F)	>350

**General Specifications:**

Appearance	Light yellow solid
Ester Content (% by GC)	99 min.
Acidity (mg KOH/g)	0.5 max.
Water Content (% , Karl Fischer)	0.1 max.

**Health & Safety:** Refer to Material Safety Data Sheet (MSDS)

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