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UNIPLEX FE-700 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 vinyl polymeric systems. Resin systems compounded with this product have high chemical flame 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 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)

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. Suggestions for uses of our products should not be understood as recommendations that they be used in violation of any patents.