

Fluorolink® AD1700

Perfluoropolyether

Fluorolink® AD1700 is a solution of a PFPE-tetraurethane acrylate in a mixture of ethyl acetate and butyl acetate (1 : 1 by weight).

Fluorolink® AD1700 is particularly suitable to be used as a surface modifying additive in acrylic UV-curable coatings and paints: in fact, thanks to its tendency to migrate to the air-coating interface, it lowers the surface tension of the cured coating imparting outstanding water/oil repellency, antigraffiti and antifingerprint properties.

Properties	Typical Value	Units	Test Method
Functional groups	Urethane acrylate		
PFPE-acrylate dry content	70	% w/w	
Ethyl acetate content	15	% w/w	
Butyl acetate content	15	% w/w	
Fluorine content (in the PFPE-urethane acrylate)	21	% w/w	

How to use

When used at low dosage (0.5–5.0% w/w) into a conventional UV-curable formulation, Fluorolink® AD1700 does not require special curing conditions, the only recommendation is to adjust the loading content depending on the compatibility with the formulation.

Even if the product shows an excellent shelf-life, it is recommended to avoid long and direct exposure to strong light sources.

