

3M Novec™ FC-4430 Fluorosurfactant

Category : Fluid , Polymer , Thermoplastic , Fluoropolymer

Material Notes:

3M™ Novec™ Fluorosurfactant FC-4430 is a non-ionic polymeric fluorochemical surfactant belonging to a class of coating additives which provide low surface tensions in coating systems best served by fluorochemical surfactants. Novec fluorosurfactant FC-4430 contributes excellent wetting, spreading and leveling properties to a variety of coating systems. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Novec-FC-4430-Fluorosurfactant.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	
pH	4.5	4.5	1% aqueous solution
Viscosity	2000 - 6000 cP	2000 - 6000 cP	
Vapor Pressure	0.0000930 bar	0.0698 torr	
Surface Tension	1.5 dynes/cm	1.5 dynes/cm	0.5%, Light Phase: Cyclohexane
	2.2 dynes/cm	2.2 dynes/cm	0.5%, Light Phase: Heptane
	2.5 dynes/cm	2.5 dynes/cm	200 ppm, Light Phase: Cyclohexane
	3.2 dynes/cm	3.2 dynes/cm	200 ppm, Light Phase: Heptane

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	<= 0.000 °C	<= 32.0 °F	
Flash Point	82.0 °C	180 °F	Setaflash closed cup

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