

Shandong Dongyue Shenzhou New Material Co Perfluorooctanoic Acid (PFOA)

Category : Fluid

Material Notes:

Conformable with: Q/DYS 006-2007PFOA is a strong organic acid, which has low surface tension and high surface activity, being used as surfactant, dispersant and additive. PFOA and its derivatives are important intermediates for fluoride hydrophobic and hydrophilic agent, and leather finishing agent. Main Applications: The ammonium or sodium salt of PFOA is excellent anion surfactant and indispensable for preparation of fluoride resin (PTFE/PVDF/FEP/ETFE) and FKM. PFOA is also effective metal detergent and intermediates of finishing agent for hydrophobic and hydrophilic leather, paper, and fiber. Its ester derivatives can be used as effective and high resolution stationary liquid for chromatogram analysis. Information Provided by Shandong Dongyue Shenzhou New Material Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shandong-Dongyue-Shenzhou-New-Material-Co-Perfluorooctanoic-Acid-PFOA.php

Physical Properties	Metric	English	Comments
Molecular Weight	414.09 g/mol	414.09 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	55.0 - 60.0 Å°C	131 - 140 Å°F	
Crystallization Temperature	>= 37.5 Å°C	>= 99.5 Å°F	A2 Grade
	>= 47.5 Å°C	>= 118 Å°F	A Grade
Boiling Point	189 - 192 Å°C	372 - 378 Å°F	
	@Pressure 0.1013 MPa	@Pressure 14.69 psi	

Descriptive Properties	Value	Comments
Absorbance	<0.02	460nm
Acidity (NaOH demarcated) (mg/g)	96.5-99.5	
Appearance	White crystal flakes	
CAS	335-67-1	
Chemical Name	Perfluorooctanoic Acid	
Color	Colorless or light yellow	
Danger Label	8 (corrosion)	
Fe3+ Content (ppm)	<4	
Molecular Formula	C ₇ F ₁₅ COOH	
Solubility (mol/L)	0.01-0.023	in 32Å° water

Descriptive Properties	Value	Comments
Straight Chain Content (%)	90	A Grade

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