

Shandong Dongyue Polymer HFP Hexafluoropropylene

Category : Fluid

Material Notes:

Usage: HFP is one of the important fluorinated monomer with high chemical activity. It can produce kinds of the fine chemical products, such as surfactant, medicine intermediate, 227EA for fire extinguish agent etc, and can copolymerize with other alkenes to produce some fluoropolymer materials. Packaging and Transportation: Tightly close all cylinder valves. During the transport or storage, avoid the insulation and shock, and notice to ventilate, dry and safe. HFP is 3 class of poisonous goods. Forbid inhaling. Molecular Formula: C₃F₆ Structural Formula: CF₃CF=CF₂ Conformable with Q/DYG 009-2005 Information provided by Shandong Dongyue Polymer Material Co., Ltd

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shandong-Dongyue-Polymer-HFP-Hexafluoropropylene.php

Physical Properties	Metric	English	Comments
Density	1.322 g/cc @Temperature 20.0 Â°C	0.04776 lb/inÂ³ @Temperature 68.0 Â°F	
Molecular Weight	150.02 g/mol	150.02 g/mol	
Vapor Pressure	6.87 bar @Temperature 21.1 Â°C	5150 torr @Temperature 70.0 Â°F	

Thermal Properties	Metric	English	Comments
Melting Point	-156.2 Â°C	-249.2 Â°F	
Boiling Point	-29.4 Â°C @Pressure 0.101 MPa	-20.9 Â°F @Pressure 14.6 psi	

Chemical Properties	Metric	English	Comments
Acid Value	<= 1.0	<= 1.0	HCl, mg/kg

Processing Properties	Metric	English	Comments
Moisture Content	<= 40 %	<= 40 %	

Descriptive Properties	Value	Comments
Appearance	Colorless and transparent liquefied gas	
Oxygen index (PPM)	50	
Purity (%)		1st Grade

Descriptive Properties	Value	Comments
	>99.9	Excellent
Vaporized Residue	<50	mg/kg

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