Shandong Dongyue Shenzhou New Material Co Vinylidene Fluoride (VDF)

Category : Fluid

Material Notes:

Conformable with: Q/DYS 007-2007VDF is a kind of colorless gas under normal temperature and pressure, nontoxic, flammable, with little ether odor. It has the common gender of alkene, and can be polymerized and synthesized as intermediate.Main Applications:VDF is one important fluoride monomer. It can be polymerized into PVDF, and copolymerize with perfluoropropylene and tetrafluoroethylene to get F26 and F246. VDF can also be used to prepare fluoride sulfonic compound which working as pesticide and special solvent.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-Vinylidene-Fluoride-VDF.php

Physical Properties	Metric	English	Comments
Density	0.617 g/cc @Temperature 23.6 Â°C	0.0223 lb/inÂ³ @Temperature 74.5 Â°F	Liquid
Molecular Weight	64 g/mol	64 g/mol	
Vapor Pressure	35.9433 bar @Temperature 20.0 Â°C	26959.7 torr @Temperature 68.0 Â°F	

Thermal Properties	Metric	English	Comments
Melting Point	-144 Â°C	-227 Â°F	
Boiling Point	-85.7 Â°C @Pressure 0.1013 MPa	-122 Â°F @Pressure 14.69 psi	

Component Elements Properties	Metric	English	Comments
Oxygen, O	<= 0.0030 %	<= 0.0030 %	High Grade
	<= 0.0030 %	<= 0.0030 %	1st Grade
	<= 0.0030 %	<= 0.0030 %	Qualified

Chemical Properties	Metric	English	Comments
Critical Pressure	44.583 bar	33440 torr	
Critical Temperature	29.7 Â°C	85.5 Â°F	

Processing Properties	Metric	English	Comments

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.010 %	<= 0.010 %	High Grade
	<= 0.010 %	<= 0.010 %	1st Grade
	<= 0.010 %	<= 0.010 %	Qualified

Descriptive Properties	Value	Comments
Acid Index (HCl) (mg/kg)	<10	1st Grade
	<10	Qualified
	No	High Grade
Appearance	Colorless flammable gas, with little ether odor	
CAS	75-38-7	
Chemical Name	1,1-difluoroethylene	
Danger Label	4 (flammable)	
Explosive Limit (%)	5.5-21.3	Volume; in air
Molecular Formula	$C_2H_2F_2$; CH_2CF_2	
Purity (%)	>99.5	Qualified
	>99.9	1st Grade
	>99.99	High Grade
Toxicity LC50 (ppm)	128000	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China