

Gemini[®] PFPE Functional Material Diols

Introduction

DIA series are bifunctional perfluoropolyether alcohol.

Applications

PFPE Functional Intermediates are the critical precursors to lots of PFPE surfactants and have fantastic applications in Hydrophobic / Oleophobic Coatings, Low Refractive Index Coatings / Claddings, Optical Thin Film Coatings, Plastic Hardcoatings, Functional Paint / Dye, Electronic Materials, Optical Adhesives, Encapsulation / Sealant Materials, Cross Linking Agents etc.

Typical Properties

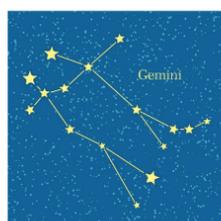
Test Items	Units	DIA-10	DIA-20	DIA-30	DIA-70
Appearance		Transparent liquid	Transparent liquid	Transparent to light yellow liquid	Transparent to light yellow liquid
Density at 25°C	g/cm ³	1.94	1.95	1.95	1.95
Content	wt%	≥99.8%	≥99.8%	≥99.8%	≥99.8%
AMW(Mn)	amu	1000-2000	2000-3000	3000-4000	7000-8200

PS: The average molecular weight of the product is obtained by the calculation through the degree of polymerization by the NMR spectrum.

Attentions

- During processing, avoid direct contact with the skin, using gloves and safety glass in the test. If skin contacts with products, immediately wipe with a dry cloth and then wash skin with soap and water, If eyes contact with products, immediately flush eyes with plenty of water for at least 5 minutes, and call a physician.
- Keep the container sealed and store in cool, well ventilated locations, shelf life 1 year.

Packaging/Transport 5Kg,20Kg,50Kg plastic jug. Not classified as dangerous in the meaning of transport regulations.



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