

BASF 1,5-Pentanediol (PDO)

Category : Fluid , Solvent

Material Notes:

Formula: C₅H₁₂O₂CAS: 111-29-5Description: 1,5-Pentanediol (PDO) is a colorless, oily liquid with characteristic odor. It is miscible in water and organic solvents.Synonyms: 1,5-Dihydroxypentane, 1,5-Pentamethylene glycol, Pentylene glycol, Pentane-1,5-diol, Pentamethylene glycolApplications: Intermediate finds applications in Initial product for chemical syntheses, Inks and coatings, Plasticizers and Solvent, Industrial chemicalsInformation provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-15-Pentanediol-PDO.php

Physical Properties	Metric	English	Comments
Density	0.990 g/cc	0.0358 lb/in ³	
Molecular Weight	104.2 g/mol	104.2 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	-16.0 °C	3.20 °F	Freezing Point
Boiling Point	240 - 244 °C	464 - 471 °F	
Flash Point	136 °C	277 °F	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.20 %	<= 0.20 %	ASTM D1364

Descriptive Properties	Value	Comments
Assay	>97%	
Color	<20	APHA, ASTM D1209
Ignition Temperature	330°C	

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