

Solvay RHODISOLV® RPDE Solvent

Category : Fluid , Solvent

Material Notes:

Rhodiasolv RPDE is an environment friendly, biodegradable, non toxic, non ecotoxic, low VOC solvent. Identification: DIMETHYL GLUTARATE, DIMETHYL SUCCINATE, DIMETHYL ADIPATE CAS: 627 – 93 – 0 / 1119 – 40 – 0 / 106 – 65 – 0 CH₃COO – (CH₂)_n – COOCH₃ (n = 2, 3, 4) Available in: Asia Pacific, Europe, Latin America and North America Solubility: water in solvent: 3.44 and Solvent in water 5.70% Applications: Paints (can and coil coating), Printing inks, Foundry core binder, Solvent base cleaners, Plasticizer and Magnet wire Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-RHODISOLV-RPDE-Solvent.php

Physical Properties	Metric	English	Comments
Density	1.09 g/cc	0.0394 lb/in ³	
Viscosity	2.9 cP	2.9 cP	Dynamic
Molecular Weight	158.6 g/mol	158.6 g/mol	
Vapor Pressure	<= 0.0000600 bar	<= 0.0450 torr	

Thermal Properties	Metric	English	Comments
Melting Point	-20.0 °C	-4.00 °F	Freezing Point
Distillation Temperature	200 - 235 °C	392 - 455 °F	
Flash Point	100 °C	212 °F	Closed Cup; ISO 1523

Optical Properties	Metric	English	Comments
Refractive Index	1.4225	1.4225	

Chemical Properties	Metric	English	Comments
Total Acid Number	<= 0.30	<= 0.30	[mg KOH/g], Acidemetry; 540MA3C21

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.050 %	<= 0.050 %	540M03C11
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Autoignition Point	360°C	

Descriptive Properties	Value	Comments
Composition	Ester	>99.5%, 522MC3C01
	Methanol	<0.2% , 540MA3C3A
Distribution	Dimethyl adipate	8-22%, 522MC3C01
	Dimethyl glutarate	57-67%, 522MC3C01
	Dimethyl succinate	18-28%, 522MC3C01

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