



RHODIASOLV[®] RPDE

IDENTIFICATION

TECHNICAL DATA SHEET EU 90002125 – MAY 2019

Chemical Name: DIMETHYL GLUTARATE, DIMETHYL SUCCINATE, DIMETHYL ADIPATE
CAS Number: 1119-40-0, 106-65-0, 627-93-0

SPECIFICATIONS

Dimethyl Glutarate
Dimethyl Succinate
Dimethyl Adipate
Ester Content, %
Colour (APHA)
Water Content, %
Methyl Alcohol, %
Acid Value, mgKOHg

RESULTS

57.0 – 67.0
18.0 – 28.0
8.0 – 22.0
99.5% Min
10 Max
0.050 Max
0.200 Max
0.30 Max

METHOD

540MA3C71
540MA3C71
540MA3C71
540MA3C71
542MA3C06
540MA3C74
540MA3C71
540MA3C21

TYPICAL PROPERTIES

Molecular Weight (g/mol) 158.6
Density at 20°C (g/cm³) 1.090
Refractive index at 20°C 1.4225
Distillation Range Under 1013 hPa (°C) 200 – 235
Vapour Pressure at 20°C (hPa) 0.06
Dynamic Viscosity at 20°C (mPa.s) 2.9
Solubility at 20°C (%)
Water in Solvent 3.44
Solvent in Water 5.70
Flash Point (°C) Closed Cup (ISO 1523) 100
Freezing Point (°C) -20
Autoignition Point (°C) 360

STANDARD APPLICATIONS

RHODIASOLV[®] RPDE: Paints (can and coil coating); Printing Inks; Foundry Core Binder; Solvent Base Cleaners; Plasticizer; Magnet Wire

STANDARD PACKAGING

RHODIASOLV[®] RPDE is available in Bulk Quantities, 225 KG. Metal Drums, 485 LB. Drums, and 1000 KG. Plastic Containers. Alternative package sizes may be available upon request.

SHELF LIFE

RHODIASOLV[®] RPDE has a shelf life of 730 days.

WARNING

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