

PUROLAN[®] PD-LO**Properties**

PUROLAN[®] PD-LO is a colorless liquid of low viscosity. It is completely miscible with water.

Specification

PARAMETER	UNIT	SPECIFICATION
1,2-Pentanediol (GC)	%	≥99
Water (Karl Fischer)	%	≤1.0
Appearance		Clear, viscous liquid
Color		Colorless
Odor		No to low odor
Density at 20 °C	g/cm ³	0.967 - 0.976
Refractive Index at 20°C		1.434 – 1.444

Specification values are subject to constant monitoring.

Physical / Chemical Data

PARAMETER	UNIT	SPECIFICATION
Boiling point	°C	206
Melting point	°C	-40
Flash point	°C	105
Ignition temperature	°C	390

Characteristic data provide further information about the product and are not subject to constant monitoring. They are therefore not binding.

Safety data and information relating to environmental aspects can be found in the safety data sheet, which is available on request from the address below.

Storage / Handling / Labeling

Please refer to our Safety Data Sheet.

Shelf Life

1 year in original sealed containers.

Packaging

200 kg Drum
25 kg Canister
1000 kg IBC

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Additional Information

INCI:	Pentylene Glycol
CAS No.:	5343-92-0
EINECS:	226-285-3
REACH:	Registration no 01-2119491291-39

Application

All applications where one of its functions is desired.

Advantages

- Multifunctional Ingredient
- Completely water miscible
 - Low melting point

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