

PearlSol 2025



Product Code

Region Africa

Product Category Aromatic Solvent

Description PearlSol 2025 is a wide cut mixture of paraffins, cycloparaffins, and aromatics which gives the solvent its increases solvency. The higher boiling range level of PearlSol 2025 can be considered as a high flash, slow evaporating type of hydrocarbon solvent.

Typical Properties

Property	Unit	Method	Value
Density @20°C	kg/L	ASTM D4052	0.810
Appearance	-	Visual	Clear & Bright
Refractive Index @20°C	-	ASTM D1218	1.504
Colour	Saybolt	ASTM D156	+25
Distillation, Initial Boiling Point	°C	ASTM D1078	204
Distillation, 50%v	°C	ASTM D1078	226
Distillation, DP	°C	ASTM D1078	257
Relative Evaporation Rate (nBuAc=1)	-	ASTM D3539	0.20
Paraffins	%vol	ASTM D1319	60
Naphthenes	%vol	ASTM D1319	23
Aromatics	%vol	ASTM D1319	17
Sulfur	mg/Kg	ASTM D5453	<300
Flash Point	°C	ASTM D93	83
Viscosity @40°C	cSt	ASTM D445	1.7
Viscosity @25°C	cSt	ASTM D445	2.2
Aniline Point	°C	ASTM D611	64

Test Methods

Copies of copyrighted test methods can be obtained from the issuing organisations:

American Society for Testing and Materials (ASTM) : www.astm.org

International Organization for Standardization (ISO) : www.iso.org

Application

PearlSol 2025 primary usage is as a solvent in metallurgical applications such as the liquid/liquid extraction of Copper, Platinum, Uranium, Zinc, Cobalt, and other precious metals which require low aromatic aliphatic and high flash hydrocarbon diluents. It is also used as a fuel in the manufacture of explosives for the mining industry and in printing inks.

Disclaimer

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