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LPA® 170 Solvent Technical Data Sheet

Description

LPA® 170 is a high-purity mixture of hydro treated isoparaffins and naphthenic with very low levels of polynuclear aromatics. It is an excellent process solvent with high flash point and narrow boiling range.

Applications

LPA® 170 Solvent may be used in a wide array of applications. Applications vary widely and include metal lubricants, specialty coatings, pesticide formulations, consumer products, chemical process solvents, oilfied drilling fluids, degreasers, lamp oil, metal

Regulatory Compliance

If this material is used in a consumer product or in certain other specific applications, some exemptions may apply. Please contact a sales representative for more information on particular FDA regulations or for solvent status as an LVP-VOC for consumer products.

Typical Properties	Method	LPA® 170 Solvent
Distillation Range, °F		
IBP		390
10%	ASTM D-86	428
90%		434
95%		438
EP		480
Flash Point, (Tag CC) °F	ASTM D-56	>170
Pour Point, °F	ASTM D-97	<-94
Specific Gravity 60°F/60°F	ASTM D-287	0.805 – 0.825
Density, lbs/gal @ 60°F	ASTM D-287	6.72 – 6.88
Average Molecular Weight	API	172
Aromatic - BTEX, ppm	EPA 8260B	ND*
Color, Saybolt Universal	ASTM D-156	>25
Relative Evaporative Rate (n-Butyl Acetate = 1)	ASTM D-3539	0.02
Vapor Pressure, torr @ 20°C	API, calc	0.05
Viscosity, cSt @ 20°C	ASTM D-445	2.4
@ 40°C		1.7
Aniline Point, °F	ASTM D-611	164
Kauri-Butanol Value	ASTM D-1133	31
Solubility parameters, (MPa) ^{1/2}	Calculated	15.9
Bromine Number	ASTM D-1159	<0.2
Nitrogen, ppm		<1
Sulfur, ppm		<1
Water, ppm	Karl-Fischer	<50

* - detection limit 36 ppb