



SOLVENTS & PETROLEUM SERVICE

Experts in chemicals. Partners in business.

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LPA® 210 Solvent Technical Data Sheet

Description

LPA® 210 Solvent is a high-purity mixture of hydro treated isoparaffins and naphthenic with very low levels of polynuclear aromatics. It is a clear liquid with a medium flash point and mild odor.

Applications

LPA® 210 Solvent may be used in a wide array of applications. Applications vary widely and include pesticide formulations, consumer products, lubricating oils, chemical process solvents, oilfied drilling fluids, degreasers, lamp oil, metal rolling oils, pesticide carrier, printing ink oil, etc.

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® 210 Solvent
Distillation Range, °F		
IBP		460
10%		468
90%	ASTM D-86	496
95%		540
EP		545
Flash Point, (PM) °F	ASTM D-93	>205
Pour Point, °F	ASTM D-97	<-72
Specific Gravity 60°F/60°F	ASTM D-287	0.815 – 0.835
Density, lbs/gal @ 60°F	ASTM D-287	6.80 – 6.97
Average Molecular Weight	API	193
Aromatics - BTEX, ppm	EPA 8260B	ND*
Color, Saybolt Universal	ASTM D-156	>15
Relative Evaporative Rate (n-Butyl Acetate = 1)	ASTM D-3539	0.004
Vapor Pressure, torr @ 20°C	API, calc	0.02
Viscosity, cSt @ 20°C		4.1
@ 40°C	ASTM D-445	2.6
Aniline Point, °F	ASTM D-611	175
Kauri-Butanol Value	ASTM D-1133	29
Solubility parameters, (MPa) ^{1/2}	Calculated	15.8
Bromine Number	ASTM D-1159	<0.2
Nitrogen, ppm		<1
Sulfur, ppm		<1
Water, ppm	Karl-Fischer	<50

* - detection limit 36 ppb