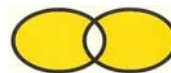


UniSource Energy, Inc.
Specialty Aliphatic Solvent
Typical Properties



Supplier Name	UNISOURCE
Product Name	UNIPAR® SH 500 AC

Test Description	ASTM NO.	
Specific Gravity @ 60°/60°F	D 287	0.8128
Gravity, °API @ 60°F	D 4052	42.6
Density (Lb/Gal) @ 60°F	D 1250	6.767
Color, Saybolt	D 156	+30
Viscosity cSt @ 40°C	D 445	3.45
GC Distillation Points, °F (°C)	D 86	
IBP		496 (258)
5%		509 (265)
50%		538 (281)
95%		595 (313)
EP		609 (320)
Kauri Butanol	D 1133	22.8
Aniline point, °F (°C)	D 611	193 (90)
Refractive Index @ 25°C	D 1218	1.4460
Flash point, COC, °F (°C)	D 92	270 (132)
Vapor Pressure, mmHg@20°C	CLC	0.008
Sulfur, ppm	D 4045	0.10
Aromatics, Vol %	D 3257	<1.0
Water content, ppm	D 1533	48

Chemical Abstract # 64742-46-7
Jun-08

*The values shown here are representative of current production.
Some are controlled by manufacturing specifications, while others are not.
All may vary within modest ranges.*