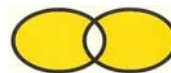


UniSource Energy, Inc.  
Specialty Aliphatic Solvent  
Typical Properties



Supplier Name	UNISOURCE
Product Name	UNIPAR® SH 160 EP

Test Description	ASTM NO.	
Specific Gravity @ 60°/60°F	D 4052	0.7885
Gravity, °API @ 60°F	D 4052	47.9
Density (Lb/Gal) @ 60°F	D 4052	6.567
Color, Saybolt	D 156	+30
Viscosity		
SSU @ 40°C	D 2161	33.63
SSU @ 210°F		
cSt @ 40°C	D 445	2.31
cSt @ 100°C		
GC Distillation Points, °F (°C)	D 86	
IBP		452 (233)
EP		509 (265)
Kauri Butanol	D 1133	26.9
Aniline point, °F (°C)	D 611	180 (82)
Flash point, PMCC, °F (°C)	D 93	234 (112)
Pour point, °F (°C)	D 97	-40 (-40)
Refractive Index @ 68 °F	D 1218	1.4418
Sulfur, ppm	D 5453	< 1
Aromatics, SFC, %		< 0.5

Chemical Abstract #	64742-47-8 Dec-11
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*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.*