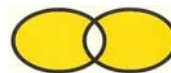


UniSource Energy, Inc.
Specialty Aliphatic Solvent
Typical Properties



Supplier Name	UNISOURCE
Product Name	UNIPAR® SH 170 AS

Test Description	ASTM NO.	
Specific Gravity @ 60°/60°F	D 287	0.81
Gravity,°API @ 60°F		6.76
Color, Saybolt	D 156	+30
Viscosity	D 445	
cSt @ 20°C		2.4
cSt @ 40°C		1.7
GC Distillation Points, °F (°C)	D 86	
IBP		418 (214)
10%		428 (220)
50%		426 (219)
90%		434 (223)
95%		438 (226)
EP		446 (230)
Kauri Butanol	D 1133	31
Aniline point, °F (°C)	D 611	164 (73)
Flash point, TCC, °F (°C)	D 93	172 (78)
Pour point,°F (°C)	D 97	-94 (-70)
Sulfur, ppm	D 5453	< 1
Aromatics, SFC, %		0.3
Chemical Abstract #		64742-47-8 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.*