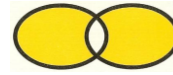


UNISOURCE-ENERGY, LLC  
Specialty Aliphatic Solvent  
Typical Properties



Supplier Name	UNISOURCE	
Product Name	UNIPAR® SH 280 ER	
<b>Test Description</b>	<b>ASTM NO.</b>	
Specific Gravity @ 60°/60°F	D-4052	0.8246
Gravity,°API @ 60°F	D-4052	40.1
Density (Lb/Gal)		6.866
Viscosity cSt @40°C	D-445	4
Viscosity SUS @100°F	D-2161	4.1
Color, Saybolt	D-445	(+)25
Distillation Range, °F (°C)	D-86	
IBP		530 (520 min)
5%		545
50%		570
95%		615
EP		620 (630 max)
Kauri Butanol	D-1133	22
Aniline point, °F (°C)	D-611	190
Flash point, °F (°C)	D-92	285 (275 min)
Pour Point, °F	D-5950	15
Aromatics, % Vol	D-2549	11
KF Moisture, ppm		50
Chemical Abstract #	64742-46-7 May-11	

*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.*