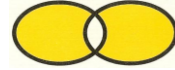


UNISOURCE-ENERGY, LLC  
 Specialty Aliphatic Solvent  
 Typical Properties



Supplier Name	UNISOURCE
Product Name	UNIPAR®
Specification	IP 170 PC

Test Description	ASTM NO.		
Specific Gravity @ 60°/60°F	D 1298		0.780
Gravity, °API @ 60°F	D 287		49.0
Density (Lb/Gal) @ 60°F	D 287		6.53
Color, Saybolt	D 156	>24	+ 30
Viscosity, cSt @ 100°F	D 445		2.6
Distillation, °F	D 86		
IBP		>421	432
50%			450
EP		< 476	472
Aniline point, °F (°C)	D 611		196 (91)
Kauri Butanol	D 1133		24.6
Flash Point, TCC, °F (°C)	D 56	< 174	188 (87)
Bromine Number, g/100g	D 1492		0.8
Chemical Composition, Vol. %			
Aromatics (total), ppm	E 169		100
Sulfur, ppm	D 3120		2

Chemical Abstract # 68551-19-9  
 Jun-09

*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.*