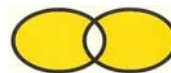


UniSource Energy, Inc.  
Specialty Aliphatic Solvent  
Typical Properties



Supplier Name	UNISOURCE
Product Name	UNIPAR® S 105 MA

Test Description	ASTM NO.	
Specific Gravity @ 60°/60°F	D 1298A	51.4
Gravity, °API @ 60°F		6.43
Color, Saybolt	D 156	+30
Vapor pressure, mmHg @68 F	D 2879	0.62
GC Distillation Points, °F (°C)	D 86	
IBP		310 (154)
5%		322 (161)
50%		341 (172)
95%		375 (191)
EP		393 (201)
Kauri Butanol	D 1133	33
Aniline point, °F (°C)	D 611	149 (65)
Flash point, °F (°C)	D 56	> 105 (41)
Pour point, °F (°C)	D 5949	-76 (-60)
Sulfur, ppm	D 2622	5
Aromatics, Mass %	D 1319	10.5

Chemical Abstract #	8052-41-3 Jan-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.*