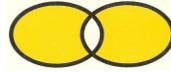


UNISOURCE-ENERGY, LLC
 Specialty Aliphatic Solvent
 Typical Properties



| | | |
|------------------------------|----------------------|----------|
| Supplier Name | UNISOURCE | |
| Product Name | UNIPAR D 110 ST | |
| Test Description | ASTM NO. | |
| Specific Gravity @ 60°/60°F | D 4052 | 0.824 |
| Gravity, °API @ 60°F | D 4052 | 40 |
| Density (Lb/Gal) @ 60°F | D 4052 | 6.87 |
| Viscosity @ 40°C | D 445 | 2.4 |
| Distillation, °F (°C) | | |
| I.B.P | D 86 | 455(235) |
| Dry Point | D 86 | 514(268) |
| Aniline Point, °F | D 611 | 172 |
| Kauri Butanol | D 1133 | 25.8 |
| Color, Saybolt (* = ASTM) | D 156 | +30 |
| Flash Point, PM, °F (°C) | D 93 | 221(105) |
| Pour Point, °F (°C) | D 97 | -27(-33) |
| Chemical Composition | | |
| Sulfur, ppm | D 5453 | <1 |
| Benzene, ppm | D 6229 | <1 |
| Aromatics, ppm | UV | <30 |
| Chemical Abstract # | 64742-47-7 Aug-16 | |

*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.*