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Typical Product Specifications & Properties

Pentane Blend 80/20

CAS Number: : Mixture

| Specifications | Limits |
|--------------------------------------|------------------------|
| Relative Evaporation Rate (nBuAc=1) | 13 |
| Hydrogen Bonding Index | 0 |
| Coefficient of Cubic Expansion @ 20C | 16 10 ⁻⁴ /C |
| Distillation - Initial Boiling Point | 34 C |
| Benzene | <3 mg/kg |
| Flash Point (Abel) | <-50 C |
| Electrical Conductivity @ 20C | <1 pS/m |
| Colour | +30 Saybolt |
| Bromine Index | 50 mg Br/100g |
| Vapour Pressure @ 20C | 62 kPa |
| Paraffins | >99 % m/m |
| Naphthenes | <1 % m/m |



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| Specifications | Limits |
|--------------------------------------|-----------------------|
| Sulphur | <0.5 mg/kg |
| Upper Explosion Limit in Air | 7.8 % v/v |
| Kauri-Butanol Number | 29 |
| Surface Tension @ 20C | 16 mN/m |
| Thermal Conductivity @ 20C | 0.12 W/m/C |
| Molecular weight | 72 g/mol |
| Refractive Index @ 20° C | 1.357 |
| Relative Evaporation Rate (Ether=1) | <1.0 |
| Vapour Pressure @ 0C | 28 kPa |
| Saturated Vapour Concentration @ 20C | 1837 g/m ³ |
| Aromatics | <5 mg/kg |
| n-Hexane | <0.1 % m/m |



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Disclaimer: this is a web generated product specification and property document. All information on this document is subject to reconfirmation at time of quote and order.



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| Specifications | Limits |
|---------------------------------|---|
| Lower Explosion Limit in Air | 1.4 % v/v |
| Pour point | <-50 C |
| Fractional Polarity | 0 |
| Density @ 15 ° C | 0.630 kg/L |
| Distillation - Dry Point | 37 C |
| Aniline point | 72 C |
| Viscosity @ 25°C | 0.35 mm ² /s |
| Hildebrand Solubility Parameter | 7.0 (cal/cm ³) ^{1/2} |



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