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TECHNICAL DATA SHEET

NORMAL PENTANE

| | |
|--------------------|-----------------------------|
| DOT Classification | Pentane Flammable Liquid |
| CAS No. | 109-66-0 |
| UN No. | 1265 |
| | |

| Item | Unit | Specification | Test result | Test Method |
|------------------------|-----------|-----------------|-----------------|-------------|
| Appearance 外观 | | clear colorless | clear colorless | Visual |
| N-pentane 正戊烷 | Wt% | 99 min | 99.1281 | GAS CHRO |
| Iso-pentane 异戊烷 | Wt% | balance | 0.504 | GAS CHRO |
| Cyclopentane 环戊烷 | Wt% | 1 max | 0 | GAS CHRO |
| Hexane and heavier 己烷后 | Wt% | 0.5 max | 0.2456 | GAS CHRO |
| Butane and lighter 丁烷前 | Wt% | 0.5 max | 0.1223 | GAS CHRO |
| Sulfur 硫 | ppm | 1 max | <1 | ASTMD5453 |
| 苯 Benzene | ppm | 5max | 3 | |
| Bromine index 溴指数 | mgBr/100g | 10max | 0.87 | ASTMD2710 |
| Color Saybolt 赛博色 | - | +30 | +30 | ASTMD156 |
| Free Water 自由水 | ppm | 20ppm | 16 | Karl-fisher |
| Sp. Gr(60F/60F)密度 | - | 0.60-0.65 | 0.62 | ASTMD4052 |

Other Information:

Threshold Limit Value 1000PPM:OSHA Standard