

## Typical Product Specifications & Properties

# Hexane Polymerisation/Extraction

CAS Number: 64742-49-0

| Specifications                          | Limits                 |
|---|------------------------|
| Density @ 15 ° C                        | 0.675 kg/L             |
| Coefficient of Cubic Expansion @ 20C    | 13 10 <sup>-4</sup> /C |
| Refractive Index @ 20° C                | 1.379                  |
| Colour                                  | +30 Saybolt            |
| Bromine Index                           | <5 mg Br/100g          |
| Distillation - Initial Boiling Point    | 66 C                   |
| Distillation - Dry Point                | 70 C                   |
| Relative Evaporation Rate (nBuAc=1)     | 8.0                    |
| Relative Evaporation Rate (Ether=1)     | 1.4                    |
| Antoine Constant A #                    | 7.38070 kPa, C         |
| Antoine Constant B #                    | 2110.27 kPa, C         |
| Antoine Constant C #                    | 326.200 kPa, C         |
| Temperature Limits for Antoine Equation | +20 to +70 C           |
| Vapour Pressure @ 0C                    | 8.2 kPa                |
| Vapour Pressure @ 20C                   | 19 kPa                 |
| Saturated Vapour Concentration @ 20C    | 381 g/m <sup>3</sup>   |
| Paraffins                               | 85 % m/m               |