

## Forum Chemical Technical Specification Sheet

### Hexene

| Property                                      | Method                    | Results          | Unit    | Min              | Max  |
|-----------------------------------------------|---------------------------|------------------|---------|------------------|------|
| 1-Hexene Purity                               | LAB-WP-389                | 99.40            | %(m/m)  | 99               | --   |
| Lighter than C6                               | LAB-WP-389                | <0.01            | %(m/m)  | --               | 0.05 |
| Total C6                                      | LAB-WP-389                | 99.99            | %(m/m)  | 99.8-            | --   |
| Higher than C6                                | LAB-WP-389                | <0.01            | %(m/m)  | =                | 0.08 |
| Vinylidenes                                   | LAB-WP-389                | <0.01            | %(m/m)  | --               | 0.1  |
| Cis+trans-2=Hexene`                           | LAB-WP-389                | 0.55             | %(m/m)  | --               | 1    |
| Total Paraffins                               | LAB-WP-389                | 0.06             | %(m/m)  | --               | 0.3  |
| Water Content by Coulometric KF               | ASTM E 1064               | 10               | Ppm m/m | --               | 25   |
| Trace Amount of Peroxides in Organic Solvents | ASTM E299                 | --               |         |                  |      |
| Hydrogen Peroxide                             |                           | <0.1             | µg/g    | --               | 1    |
| Carbonyl Content (as C=O)                     | ASTM E 411                | <0.1             | Ppm m/m | --               | 1    |
| Saybolt Color                                 | ASTM D 6045               | +30              | --      | +30              | --   |
| Free Water and Particular Contamination       | ASTM D 4176 (Procedure 1) |                  |         |                  |      |
| Clear and Bright                              |                           | Clear and Bright | --      | Clear and Bright | --   |
| Organic Contaminants in Hexene by GCMS        | SGS/ENVJBL/IP/001         |                  |         |                  |      |
| Benzene                                       |                           | <0.05            | Ppm m/m | --               | 0.2  |

**Origin: Saudi Arabia**