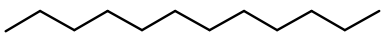


## DowSyn n-Dodecane

|                           |  |
|---------------------------|--|
| <b>Chemical Name</b>      | n-Dodecane   |
| <b>CAS Number</b>         | 112-40-3   |
| <b>Chemical Structure</b> |  |
| <b>Molecular Formula</b>  | C <sub>12</sub> H <sub>26</sub>  |
| <b>Molecular Weight</b>   | 170.33   |

### Specification :

| Item                             | Spec             | Typical        | Test Method |
|----------------------------------|------------------|----------------|-------------|
| Appearance                       | Bright and Clear | Bright & Clear | Visual      |
| Color, Saybolt                   | +30              | +30            | ASTM D156   |
| Total Normal Paraffin Content, % | 98.5 min         | 99.7           | GC          |
| n-C12, %                         | 98.5 min         | 99.4           | GC          |
| Flash Point(PM), °C              | Report           | 81             | ASTM D93    |
| Aromatic Content, %              | 0.2 max          | 0.0005         | UOP 495     |
| Sulfur Content, ppm              | 1.0 max          | <1             | ISO 20846   |
| Water Content, ppm               | 50 max           | 10             | ASTM 6304   |
| Copper Corrosion (1hr @100°C)    | -                | 1a             | ASTM D130   |

### Packing:

Drum, ISO-Container

### Storage and Handling

- Combustible liquid. Recommended storing under inert gas.
- Keep container tightly closed in a dry and well-ventilated place.
- Open containers slowly to allow any excess pressure to vent.
- Keep away from heat, sparks, flame, or other sources of ignition.
- Protect small containers from physical damage.
- Use proper electrical grounding and bonding procedures when loading, unloading, and transferring.
- Use spark-resistant tools.