

Viscosity standard, N44

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| Art. ID | CON-150-600-462 |
| Unit | 500 mL |
| Deliverydetails | No Dangerous Good /not restricted |

Description

mm²/s:Centistokes mPa*s: Centipoise

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|---------------------|------------|---------------------|--------------------|--------------------------------------|--------|
| 20 °C/68 °F | Kinematic Viscosity | | 110 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 25 °C/77 °F | Kinematic Viscosity | | 86 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 37.78 °C/100 °F | Kinematic Viscosity | | 48 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 40°C/104 °F | Kinematic Viscosity | | 44 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 50 °C/122 °F | Kinematic Viscosity | | 30 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 60 °C/140 °F | Kinematic Viscosity | | 21 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 80 °C/176 °F | Kinematic Viscosity | | 12 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 98.89 °C/210 °F | Kinematic Viscosity | | 7,6 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 100 °C/212 °F | Kinematic Viscosity | | 7,4 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 37 °C/100 °F | Saybold Viscosity | | 220 | mm ² /s | | |
| 20 °C/68 °F | Dynamic Viscosity | | 91 | mPa*s | ASTM D445/ | |

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|-----------------|-------------------|-------|-------|--------------------------------------|
| | | | | 446, ISO 3 104/3105 |
| 25 °C/77 °F | Dynamic Viscosity | 71 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 37.78 °C/100 °F | Dynamic Viscosity | 39 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 40°C/104 °F | Dynamic Viscosity | 36 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 50 °C/122 °F | Dynamic Viscosity | 24 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 60 °C/140 °F | Dynamic Viscosity | 17 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 80 °C/176 °F | Dynamic Viscosity | 9,4 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 98.89 °C/210 °F | Dynamic Viscosity | 6 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 100 °C/212 °F | Dynamic Viscosity | 5,8 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 20 °C/68 °F | Density | 0,828 | µg/g | ASTM D7042 |
| 25 °C/77 °F | Density | 0,825 | µg/g | ASTM D7042 |
| 37.78 °C/100 °F | Density | 0,817 | µg/g | ASTM D7042 |
| 40°C/104 °F | Density | 0,816 | µg/g | ASTM D7042 |
| 50 °C/122 °F | Density | 0,809 | µg/g | ASTM D7042 |
| 60 °C/140 °F | Density | 0,803 | µg/g | ASTM D7042 |
| 80 °C/176 °F | Density | 0,791 | µg/g | ASTM D7042 |
| 98.89 °C/210 °F | Density | 0,779 | µg/g | ASTM D7042 |
| 100 °C/212 °F | Density | 0,779 | µg/g | ASTM D7042 |