

Viscosity standard, N4000

Art. ID CON-150-600-391
Unit 125 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 | | 18000 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 25 °C/77 °F | Kinematic Viscosity | | 11000 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 37.78 °C/100 °F | Kinematic Viscosity | | 3900 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 40°C/104 °F | Kinematic Viscosity | | 3300 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 50 °C/122 °F | Kinematic Viscosity | | 1600 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 60 °C/140 °F | Kinematic Viscosity | | 840 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 80 °C/176 °F | Kinematic Viscosity | | 280 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 98.89 °C/210 °F | Kinematic Viscosity | | 123 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 100 °C/212 °F | Kinematic Viscosity | | 117 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 20 °C/68 °F | Dynamic Viscosity | | 16000 | mPa*s | ASTM D445/ 446, ISO 3 | |

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|-----------------|-------------------|-------|-------|--------------------------------------|
| | | | | 104/3105 |
| 25 °C/77 °F | Dynamic Viscosity | 9700 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 37.78 °C/100 °F | Dynamic Viscosity | 3400 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 40°C/104 °F | Dynamic Viscosity | 2900 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 50 °C/122 °F | Dynamic Viscosity | 1400 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 60 °C/140 °F | Dynamic Viscosity | 720 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 80 °C/176 °F | Dynamic Viscosity | 240 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 98.89 °C/210 °F | Dynamic Viscosity | 100 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 100 °C/212 °F | Dynamic Viscosity | 98 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 20 °C/68 °F | Density | 0,882 | µg/g | ASTM D7042 |
| 25 °C/77 °F | Density | 0,879 | µg/g | ASTM D7042 |
| 37.78 °C/100 °F | Density | 0,872 | µg/g | ASTM D7042 |
| 40°C/104 °F | Density | 0,871 | µg/g | ASTM D7042 |
| 50 °C/122 °F | Density | 0,865 | µg/g | ASTM D7042 |
| 60 °C/140 °F | Density | 0,86 | µg/g | ASTM D7042 |
| 80 °C/176 °F | Density | 0,849 | µg/g | ASTM D7042 |
| 98.89 °C/210 °F | Density | 0,838 | µg/g | ASTM D7042 |
| 100 °C/212 °F | Density | 0,838 | µg/g | ASTM D7042 |