

Viscosity standard, S60

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| Art. ID | CON-150-600-302 |
| 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 | | 160 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 25 °C/77 °F | Kinematic Viscosity | | 119 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 37.78 °C/100 °F | Kinematic Viscosity | | 60 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 40°C/104 °F | Kinematic Viscosity | | 54 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 50 °C/122 °F | Kinematic Viscosity | | 35 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 60 °C/140 °F | Kinematic Viscosity | | 26 | 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 | | 7,7 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 100 °C/212 °F | Kinematic Viscosity | | 7,5 | mm ² /s | ASTM D445/ 446, ISO 3 104/3105 | |
| 37 °C/100 °F | Saybold Viscosity | | 281 | mm ² /s | | |
| 20 °C/68 °F | Dynamic Viscosity | | 138 | mPa*s | ASTM D445/ | |

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|-----------------|-------------------|-------|-------|--------------------------------------|
| | | | | 446, ISO 3 104/3105 |
| 25 °C/77 °F | Dynamic Viscosity | 102 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 37.78 °C/100 °F | Dynamic Viscosity | 52 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 40°C/104 °F | Dynamic Viscosity | 46 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 50 °C/122 °F | Dynamic Viscosity | 30 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 60 °C/140 °F | Dynamic Viscosity | 22 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 80 °C/176 °F | Dynamic Viscosity | 9,9 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 98.89 °C/210 °F | Dynamic Viscosity | 6,3 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 100 °C/212 °F | Dynamic Viscosity | 6,1 | mPa*s | ASTM D445/ 446, ISO 3 104/3105 |
| 20 °C/68 °F | Density | 0,863 | µg/g | ASTM D7042 |
| 25 °C/77 °F | Density | 0,86 | µg/g | ASTM D7042 |
| 37.78 °C/100 °F | Density | 0,852 | µg/g | ASTM D7042 |
| 40°C/104 °F | Density | 0,851 | µg/g | ASTM D7042 |
| 50 °C/122 °F | Density | 0,845 | µg/g | ASTM D7042 |
| 60 °C/140 °F | Density | 0,839 | µg/g | ASTM D7042 |
| 80 °C/176 °F | Density | 0,826 | µg/g | ASTM D7042 |
| 98.89 °C/210 °F | Density | 0,815 | µg/g | ASTM D7042 |
| 100 °C/212 °F | Density | 0,814 | µg/g | ASTM D7042 |