

## **Viscosity standard, N100**

|                 |                                   |
|-----------------|-----------------------------------|
| Art. ID         | CON-150-600-345                   |
| Unit            | 20 L                              |
| Deliverydetails | No Dangerous Good /not restricted |

### Description

mm<sup>2</sup>/s:Centistokes mPa\*s: Centipoise

| Text/Information | Analyte/Parameter   | CAS number | Concentration/Value | Unit               | Method                               | Source |
|------------------|---------------------|------------|---------------------|--------------------|--------------------------------------|--------|
| 20 °C/68 °F      | Kinematic Viscosity |            | 318                 | mm <sup>2</sup> /s | ASTM D445/<br>446, ISO 3<br>104/3105 |        |
| 25 °C/77 °F      | Kinematic Viscosity |            | 228                 | mm <sup>2</sup> /s | ASTM D445/<br>446, ISO 3<br>104/3105 |        |
| 37.78 °C/100 °F  | Kinematic Viscosity |            | 110                 | mm <sup>2</sup> /s | ASTM D445/<br>446, ISO 3<br>104/3105 |        |
| 40°C/104 °F      | Kinematic Viscosity |            | 97                  | mm <sup>2</sup> /s | ASTM D445/<br>446, ISO 3<br>104/3105 |        |
| 50 °C/122 °F     | Kinematic Viscosity |            | 60                  | mm <sup>2</sup> /s | ASTM D445/<br>446, ISO 3<br>104/3105 |        |
| 60 °C/140 °F     | Kinematic Viscosity |            | 39                  | mm <sup>2</sup> /s | ASTM D445/<br>446, ISO 3<br>104/3105 |        |
| 80 °C/176 °F     | Kinematic Viscosity |            | 20                  | mm <sup>2</sup> /s | ASTM D445/<br>446, ISO 3<br>104/3105 |        |
| 98.89 °C/210 °F  | Kinematic Viscosity |            | 11                  | mm <sup>2</sup> /s | ASTM D445/<br>446, ISO 3<br>104/3105 |        |
| 100 °C/212 °F    | Kinematic Viscosity |            | 11                  | mm <sup>2</sup> /s | ASTM D445/<br>446, ISO 3<br>104/3105 |        |
| 37 °C/100 °F     | Saybold Viscosity   |            | 509                 | mm <sup>2</sup> /s |                                      |        |
| 20 °C/68 °F      | Dynamic Viscosity   |            | 276                 | mPa*s              | ASTM D445/                           |        |

|                 |                   |       |       |                                      |
|-----------------|-------------------|-------|-------|--------------------------------------|
|                 |                   |       |       | 446, ISO 3<br>104/3105               |
| 25 °C/77 °F     | Dynamic Viscosity | 197   | mPa*s | ASTM D445/<br>446, ISO 3<br>104/3105 |
| 37.78 °C/100 °F | Dynamic Viscosity | 94    | mPa*s | ASTM D445/<br>446, ISO 3<br>104/3105 |
| 40°C/104 °F     | Dynamic Viscosity | 83    | mPa*s | ASTM D445/<br>446, ISO 3<br>104/3105 |
| 50 °C/122 °F    | Dynamic Viscosity | 51    | mPa*s | ASTM D445/<br>446, ISO 3<br>104/3105 |
| 60 °C/140 °F    | Dynamic Viscosity | 33    | mPa*s | ASTM D445/<br>446, ISO 3<br>104/3105 |
| 80 °C/176 °F    | Dynamic Viscosity | 16    | mPa*s | ASTM D445/<br>446, ISO 3<br>104/3105 |
| 98.89 °C/210 °F | Dynamic Viscosity | 9,4   | mPa*s | ASTM D445/<br>446, ISO 3<br>104/3105 |
| 100 °C/212 °F   | Dynamic Viscosity | 9,1   | mPa*s | ASTM D445/<br>446, ISO 3<br>104/3105 |
| 20 °C/68 °F     | Density           | 0,867 | µg/g  | ASTM D7042                           |
| 25 °C/77 °F     | Density           | 0,864 | µg/g  | ASTM D7042                           |
| 37.78 °C/100 °F | Density           | 0,857 | µg/g  | ASTM D7042                           |
| 40°C/104 °F     | Density           | 0,855 | µg/g  | ASTM D7042                           |
| 50 °C/122 °F    | Density           | 0,849 | µg/g  | ASTM D7042                           |
| 60 °C/140 °F    | Density           | 0,843 | µg/g  | ASTM D7042                           |
| 80 °C/176 °F    | Density           | 0,831 | µg/g  | ASTM D7042                           |
| 98.89 °C/210 °F | Density           | 0,82  | µg/g  | ASTM D7042                           |
| 100 °C/212 °F   | Density           | 0,819 | µg/g  | ASTM D7042                           |