



Fomblin® Y-LOX 120

perfluoropolyether

Fomblin® Y-LOX 120 perfluoropolyether fluids have the following unique features:

- Outstanding chemical stability
- Thermal stability
- Lubrication properties

General

| | |
|-----------------|--|
| Material Status | • Commercial: Active |
| Availability | • Africa & Middle East • Asia Pacific • Europe • Latin America • North America |
| Features | • Chemical Resistant • High Density • High Heat Resistance |
| Forms | • Liquid |

| Physical | Typical Value | Unit | Test method |
|------------------------|---------------|-------------------|-------------|
| Specific Gravity | 1.890 | g/cm ³ | |
| Kinematic Viscosity | | | |
| 20°C | 120 | cSt | ASTM D445 |
| 40°C | 42.0 | cSt | ASTM D445 |
| 100°C | 6.80 | cSt | |
| Surface Tension (25°C) | 21 | dyne/cm | |
| Vapor Pressure | | | |
| 20°C | 2E-4 | torr | |
| 100°C | 5E-2 | torr | |
| Viscosity Index | 120 | | ASTM D2270 |
| Thermal | Typical Value | Unit | Test method |
| Pour Point | -46 | °C | ASTM D97 |

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| Additional Information | Typical Value | Unit | Test method |
|---|---------------|------|-------------|
| Weight Loss on Heating ¹ (120°C) | < 10 | % | ASTM D2595 |

Notes

Typical properties: these are not to be construed as specifications.

¹ 22 hr

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Progress beyond

www.solvay.com

SpecialtyPolymers.EMEA@solvay.com | Europe, Middle East and Africa

SpecialtyPolymers.Americas@solvay.com | Americas

SpecialtyPolymers.Asia@solvay.com | Asia and Australia

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