

Cubic Ink® Flexible 1201

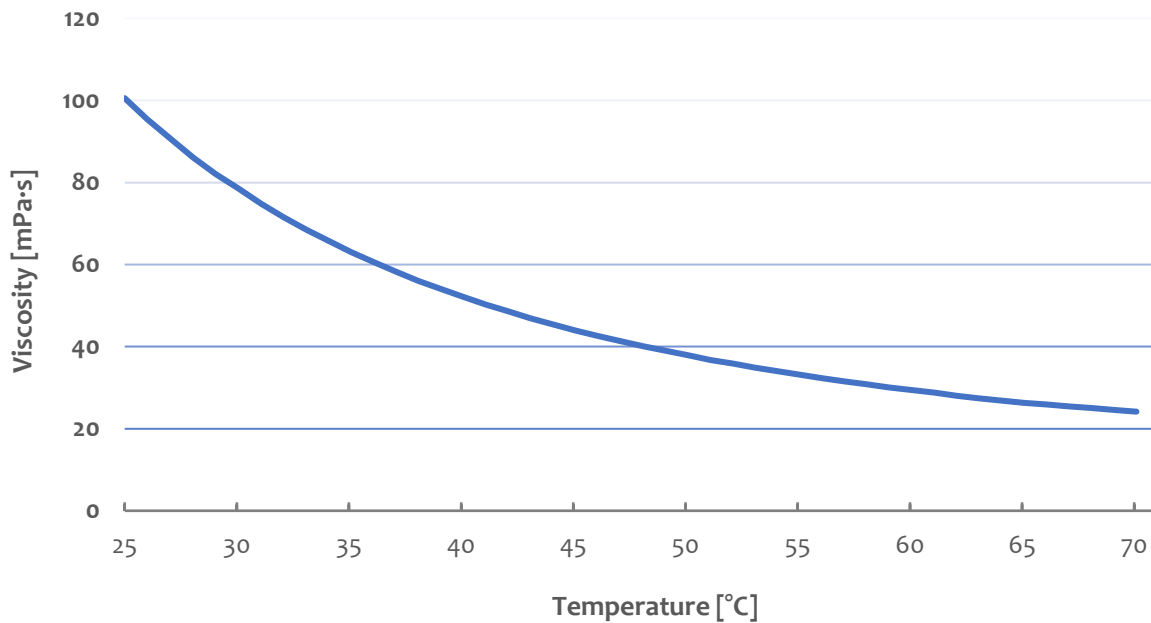
Very soft material with highest flexibility

| Liquid Properties | Value¹ | Unit |
|--|--------------------------|-------------|
| Viscosity @ 50 °C (DIN EN ISO 3219) | 35 | mPa·s |
| Density (DIN EN ISO 15212-1) | 1.03 | g/mL |
| Tensile Properties² (DIN EN ISO 527-5A) | | |
| Ultimate Tensile Strength | 2.9 | MPa |
| Elongation at Break | 350 | % |
| Tensile Strength at 50% elongation | 0.2 | MPa |
| Tensile Strength at 100% elongation | 0.3 | MPa |
| Tear Strength (DIN EN ISO 34-1 B) ³ | 82 | kN/m |
| Compression Properties (DIN EN ISO 815-1)⁴ | | |
| Compression Set-B after 22h @23 °C | <5 | % |
| Compression Set-B after 22h @70 °C | <5 | % |
| Hardness (DIN EN ISO 7619) | | |
| Shore Hardness | 30 | A |
| Print Appearance/ Color | | |
| Natural color is translucent light yellow. Also available in cyan, magenta, yellow, black, white and grey. More colors on request. | | |
| Availability and Storage | | |
| Batch sizes starting from 1 kg. | | |

Store at room temperature and protect from light.

¹Properties with post-processing. All material properties can vary with printer, print settings, object orientation, part geometry, post-processing and age of sample. ²50 mm/min; ³500 mm/min, unnotched specimen method B; ⁴Specimen with 12.5 mm height.

Viscosity Profile (600 s^{-1}) of Flexible 1201



Cubic Ink®

ACTEGA Terra GmbH

Mielestraße 13

31275 Lehrte

GERMANY

Tel +49 (0)5132 5009-600

cubic.ink@altana.com

www.altana.com

Learn more about Cubic Ink® materials www.altana.com/cubic-ink www.altana.de/cubic-ink

Disclaimer

The information contained herein is based on our current knowledge and experience. No warranties, guarantees and/or assurances of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. Any information about suitability, use or application of the products is non-binding and does not constitute a commitment regarding the products' properties, use or application. Contractual terms and conditions, in particular agreed product specifications, always take precedence. We recommend that you test our products in preliminary trials to determine their suitability for your intended purpose prior to use. We reserve the right to make any changes and to update the information herein without notice.

Follow us – ALTANA New Technologies GmbH – Cubic Ink®

