

Cubic Ink® Rigid 404 VP Clear

Clear, rigid material for fast, accurate prints with sharp edges

Liquid Properties	Value ¹	Unit
Viscosity @25 °C (DIN EN ISO 3219)	160	mPa·s
Density (DIN EN ISO 15212-1)	1.05	g/mL
Critical Energy (E _c) @405 nm / 385 nm	5.0 / 4.6	mJ/cm ²
Depth of Penetration (D _p) @405 nm / 385 nm	0.35 / 0.21	mm
Tensile Properties² (DIN EN ISO 527-5A)		
Ultimate Tensile Strength	55	MPa
Tensile Modulus	2700	MPa
Elongation at Break	4.4	%
Flexural Properties² (DIN EN ISO 178)		
Flexural Strength	93	MPa
Flexural Modulus	2500	MPa
Deflection at Fracture	>3.5	%
Hardness (DIN EN ISO 7619)		
Shore Hardness	85	D
Print Appearance/ Color		
Natural color is translucent light yellow. For final properties a post-treatment is necessary.		
Availability and Storage		
Batch sizes starting from 1 kg.		
Store between 21 and 28 °C and protect from light.		
¹ Properties with post-processing – 60 min UV-post-cure. All material properties can vary with printer, print settings, object orientation, part geometry, post-processing and age of sample. ² 5 mm/min.		

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

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®

