

Cubic Ink High Performance 4-1000 VP

Flame retardant material with a good balance between temperature form-stability and toughness for final part production

Liquid Properties	Value ¹	Unit
Viscosity @ 25°C (DIN EN ISO 3219)	460	mPa·s
Tensile Properties² (DIN EN ISO 527-5A)		
Ultimate Tensile Strength	97	MPa
Tensile Modulus	4500	MPa
Elongation at Break	2,7	%
Hardness (DIN EN ISO 7619)		
Shore Hardness	80-85	D
Thermal Properties		
HDT B (DIN EN ISO 75)	132	°C
Flame (UL94)		
Flammability, vertical (at 3.2 mm)	V-0	-
Flammability, horizontal (at 0.4 mm)	FH-1	-
Chemical Resistance		
Water Uptake, 24h, 23 °C	4-5	%
Print Appearance/ Color		
Available in black, white and grey. More colors on request.		
Availability and Storage		
Available in 1L, 5L and 20L containers.		
Store at room temperature.		

¹Properties with post-processing – washed with water, 10 min UV-post-cure followed by 1h at 190°C heating. All material properties can vary with printer, print settings, object orientation, part geometry, post-processing and age of sample.²5 mm/min.

