



FDM – Onyx & Onyx Fr (UL94 V0)

Volume d'impression 330 x 270 x 200 mm
 Épaisseur des couches 50 microns
 Précision ± 0,12 mm
 Norme UL94 V0 Onyx FR (flame-retardant)

Composite Base	Test (ASTM)	Onyx	Onyx FR	Onyx ESD
Tensile Modulus (GPa)	D638	2.4	3.0	4.2
Tensile Stress at Yield (MPa)	D638	40	41	52
Tensile Stress at Break (MPa)	D638	37	40	50
Tensile Strain at Break (%)	D638	25	18	25
Flexural Strength (MPa)	D790 ¹	71	71	83
Flexural Modulus (GPa)	D790 ¹	3.0	3.6	3.7
Heat Deflection Temp (°C)	D648 B	145	145	138
Flame Resistance	UL94	—	V-0 ²	—
Izod Impact - notched (J/m)	D256-10 A	330	—	44
Surface Resistance (Ω)	ANSI/ESD STM11.11 ³	—	—	10 ⁵ - 10 ⁷
Density (g/cm ³)	—	1.2	1.2	1.2