

Objet VeroWhite – FullCure 830 – Material Specifications

VeroWhite has the ability to produce models that closely resemble the “look” of the target products. This material was designed to simulate thermoplastics and also offer enhanced mechanical properties and the enhanced ability to withstand bending.



Property	ASTM	Metric	Imperial
Tensile Strength	D-638-03	MPa	49.8 psi 7221
Modulus of Elasticity	D-638-04	MPa	2495 psi 361775
Elongation at Break	D-638-05	%	20 % 20
Flexural Strength	D-790-03	MPa	74.6 psi 10817
Flexural Modulus	D-790-04	MPa	2137 psi 309865
Izod Notched Impact	D-256-06	J/m	24.1 ft lb/in 0.45
Shore Hardness	Scale D	Scale D	83 Scale D 83
Rockwell Hardness	Scale M	Scale M	81 Scale M 81
HDT at 0.45 MPa	D-648-06	C°	43 F° 109
HDT at 1.82 MPa	D-648-07	C°	40 F° 104
Tg	DMA, E''	C°	58 F° 136
Water Absorption	D570-98 24 HR	%	1.15 % 1.15