



VeroUltra Opaque for Stratasys J5 and J3 Series Printers

VeroUltra™ Opaque includes VeroUltra™ WhiteS and VeroUltra™ BlackS colors and is available for the J55, J55 Prime and J35 Pro printers, available in 1.1 kg cartridges. The use of VeroUltra™ WhiteS and VeroUltra™ BlackS improves significantly the color opacity and color uniformity. It also provides a smoother texture enabling high quality plastic appearance, ultra-sharp graphics and high contrast print levels previously impossible to achieve.

Opaque materials facilitate the printing of thin parts, providing richer colors with sharper textures and texts. Opaque shades bring models to life with un-matched color realism.

VeroUltra Opaque for J5 & J3 Series Printers

VeroUltra™ WhiteS (RGD824), VeroUltra™ BlackS(RGD864) available in 1.1 kg cartridges

VeroUltra Opaque Family for J5 & J3 Series Printers

	ASTM	Value
Tensile Strength	D-638-03	50-65 (7,250-9,430 psi)
Elongation at Break	D-638-05	5-20 %
Modulus of Elasticity	D-638-04	2,000 - 3,000 MPa (29,0000 - 43,5000 psi)
Flexural Strength	D-790-03	65-85 (9,400-12,300 psi)
Flexural Modulus	D-790-04	2,000-2,800 (29,0000-40,6100 psi)
HDT, °C @ 0.45MPa	D-648-06	48-52 °C (118-126 °F)
HDT, °C @ 1.82MPa	D-648-07	44-47 °C (111-117 °F)
Izod Notched Impact	D-256-06	20-30 J/m (0.375 – 0.562 ft-lb/in.)
Water Absorption	D-570-98 24hr	1.1-1.4%
Tg	DMA, E»	54-56 °C (124-133 °F)
Shore Hardness (D)	Scale D	83 – 86
Polymerized Density	ASTM D792	1.19-1.23

System Availability

Printer	Minimum Layer Thickness	Support Structure	Available Colors
J55, J55 Prime	18 microns (0.0007 in.)	SUP710S™ (WaterJet removable)	VeroUltra™ WhiteS
J35			VeroUltra™ BlackS

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ISO 9001:2015
Certified

MATERIAL DATA SHEET
PolyJet



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