

VeroUltra Opaque for J7/8 Series



VeroUltra™ Opaque includes VeroUltra™ White and VeroUltra™ Black colors and is available for J7/8 Series printers. VeroUltra™ Opaque is available in 3.6 cartridges for the J7 Series and in 4 kg cartridges for the J8 Series printers. The use of VeroUltra™ White and VeroUltra™ Black significantly improves 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

Vero Opaque for J7 Series		Vero Opaque for J8 Series	
VeroUltra™ White (RGD825), VeroUltra™ Black (RGD865) available in 3.6 kg cartridges		VeroUltra™ White (RGD825), VeroUltra™ Black (RGD865) available in 4 kg cartridges	

Vero Opaque Family for J7/8 Series		
	ASTM	Value
Tensile Strength	D-638-03	50 - 70 MPa (7250 - 10150 psi)
Elongation at Break	D-638-05	7 - 12 %
Modulus of Elasticity	D-638-04	2000 - 3000 MPa (290000 - 435000 psi)
Flexural Strength	D-790-03	75 - 100 MPa (10850 - 14500 psi)
Flexural Modulus	D-790-04	2100 - 2600 MPa (304600 - 377100 psi)
HDT, °C @ 0.45MPa	D-648-06	48 - 54°C (118 - 129°F)
HDT, °C @ 1.82MPa	D-648-07	45 - 50°C (113 - 122°F)
Izod Notched Impact	D-256-06	19 - 25 J/m (0.358-0.472 ft-lb/in.)
Water Absorption	D-570-98 24hr	1.0 - 1.2 %
Tg	DMA, E*	49-56 °C (120 - 133 °F)
Shore Hardness (D)	Scale D	83 - 86
Polymerized Density	ASTM D792	1.19 - 1.20

System Availability			
Printer	Min Layer Thickness	Support Structure	Available Colors
J7 Series	14 microns (0.00055 in.)	SUP705 (WaterJet removable)	VeroUltra™ White
		SUP706 (soluble)	VeroUltra™ Black
J8 Series	14 microns (0.00055 in.)	SUP705 (WaterJet removable)	VeroUltra™ White
		SUP706 (soluble)	VeroUltra™ Black

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