

Objet VeroClear RGD810

	ASTM	UNITS	METRIC	UNITS	IMPERIAL
Tensile Strength	D-638-03	MPa	50-65	Psi	7250-9450
Elongation at Break	D-638-05	%	10-15	%	10-25
Modulus of elasticity	D-638-04	MPa	2000-3000	Psi	290,000-435,000
Flexural Strength	D-790-03	MPa	75-110	Psi	11,000-16,000
Flexural Modulus	D-790-04	MPa	2200-3200	Psi	320,000-465,000
HDT, °C @ 0.45MPa	D-648-06	°C	45-50	°F	113-122
HDT, °C @ 1.82MPa	D-648-07	°C	45-50	°F	113-122
Izod Notched Impact	D-256-06	J/m	20-30	Ft lb/inch	0.375-0.562
Water Absorption, % 24hr	D-570-98	%	1.1-1.5	%	1.1-1.5
Tg	DMA, E>>	°C	52-54	°F	126-129
Shore Hardness	Scale D	Scale D	83-86	Scale D	83-86
Rockwell Hardness	Scale M	Scale M	73-76	Scale M	73-76
Polymerized Density	ASTM D792	g/cm ³	1.18-1.19		
Ash Content	USP281	%	0.02-0.06	%	0.02-0.06

All data provided herein, which is related to consumables, was collected from specific specimens and tests conditions and is provided for information only. Characteristics may vary if different specimens and test conditions are applied. Unless expressly provided in writing, no warranties are made and warranties of merchantability or fitness for a particular purpose are expressly disclaimed.



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