

Objet DurusWhite RGD430

	ASTM	UNITS	METRIC	UNITS	IMPERIAL
Tensile Strength	D-638-03	MPa	20-30	Psi	2900-4350
Elongation at Break	D-638-05	%	40-50	%	40-50
Modulus of elasticity	D-638-04	MPa	1000-1200	Psi	145,000-175,000
Flexural Strength	D-790-03	MPa	30-40	Psi	4300-5800
Flexural Modulus	D790-04	MPa	1200-1600	Psi	175,000-230,000
HDT, °C @ 0.45MPa	D-648-06	°C	37-42	°F	99-108
HDT, °C @ 1.82MPa	D-648-07	°C	32-34	°F	90-93
Izod Notched Impact	D-256-06	J/m	40-50	Ft lb/inch	0.749-0.937
Water Absorption, %	D-570-98 24hr	%	1.5-1.9	%	1.5-1.9
Tg	DMA, E>>	°C	35-37	°F	95-99
Shore Hardness (D)	Scale D	Scale D	74-78	Scale D	74-78
Rockwell Hardness	Scale M	Scale M	No Data	Scale M	No data
Polymerized Density	ASTM D792	g/cm3	1.15-1.17		
Ash Content	USP281	%	0.10-0.12	%	0.1-0.12

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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