

Objet ABS-like Digital Material (RGD5160-DM) made of Objet RGD515 & Objet RGD535

	ASTM	UNITS	METRIC	UNITS	IMPERIAL
Tensile Strength	D-638-03	MPa	55-60	Psi	8000-8700
Elongation at Break	D-638-05	MPa	25-40	Psi	25-40
Modulus of elasticity	D-638-04	MPa	2600-3000	Psi	290,000-435,000
Flexural Strength	D-790-03	MPa	65-75	Psi	12000-16000
Flexural Modulus	D790-04	MPa	1700-2200	Psi	245,000-320,000
HDT, °C @ 0.45MPa	D-648-06	°C	58-68	°F	136-154
HDT, °C @ 0.45MPa after thermal post treatment procedure A	D-648-06	°C	82-90	°F	180-194
HDT, °C @ 0.45MPa after thermal post treatment procedure B	D-648-06	°C	92-95	°F	198-203
HDT, °C @ 1.45MPa	D-648-07	°C	51-55	°F	124-131
Izod Notched Impact	D-256-06	J/m	65-80	Ft lb/inch	1.22-1.50
Tg	DMA, E>>	°C	47-53	°F	117-127
Shore Hardness (D)	Scale D	Scale D	85-87	Scale D	85-87
Rockwell Hardness	Scale M	Scale M	67-69	Scale M	67-69
Polymerized Density	ASTMD792	g/m3	1.17-1.18		

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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