



TECHNICAL DATASHEET :- GF PEEK 15 3D PRINTING FILAMENT V2.0

TEST ITEM	TEST METHODS	UNITS	SPECIFICATIONS	RESULTS
TENSILE STRENGTH (YIELD)	ISO 527	MPa		136.1
TENSILE ELONGATION(BREAK)	ISO 527	%		4.9
IMPACT STRENGTH (NOTCHED)	ISO 180	Kj/m2		7.4
FLEXURAL MODULUS	ISO 176	GPa		5.1
FLEXURAL STRENGTH	ISO 178	MPa		202.6
SPECIFIC GRAVITY	ISO 1183	G/CC		1.39
GLASS TRANSITION TEMPERATURE	ISO 11357	C		143C
HDT @ 1.8MPa	ISO-75-f	C		298C

THE ABOVE DATA IS DERIVED FROM THE RAW MATERIAL SUPPLIER, AND WAS ARRIVED WITH INJECTION MOLDING SPECIMENS, THE VALUES MAY VARY WITH DIFFERENT 3D PRINTERS AND DIFFERENT PROCESSING METHODS

PROCESS PARAMETERS :- (FOR COLD METHOD)

NOZZLE :- 385-415C, BED :- 125-130C, FANS ON 75-100% FROM FIRST LAYER, COLD CHAMBER

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