



TECHNICAL DATASHEET :- CF PEEK 10 3D PRINTING FILAMENT

TEST ITEM	TEST METHODS	UNITS	SPECIFICATIONS	RESULTS
TENSILE STRENGTH (YIELD)	ISO 527	MPa		157.4
TENSILE ELONGATION(BREAK)	ISO 527	%		3.3
IMPACT STRENGTH (NOTCHED)	ISO 180	Kj/m2		6.0
FLEXURAL MODULUS	ISO 176	GPa		7.1
FLEXURAL STRENGTH	ISO 178	MPa		232.3
SPECIFIC GRAVITY	ISO 1183	G/CC		1.33
GLASS TRANSITION TEMPERATURE	ISO 11357	C		143C

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

Disclaimer: The technical data contained on this data sheet is furnished without charge or obligation and accepted at the recipient's sole risk. This data should not be used to establish specifications limits or used alone as the basis of design. The data provided is not intended to substitute any testing that may be required to determine fitness for any specific use.