



## TECHNICAL DATASHEET :- GF20 PEKK-A 3D PRINTING FILAMENT

TEST ITEM	TEST METHODS	UNITS	SPECIFICATIONS	RESULTS
TENSILE STRENGTH	ASTM D638	MPa		141
TENSILE ELONGATION	ASTM D638	%		2.8
IMPACT STRENGTH	ASTM D256	J/m		75
FLEXURAL MODULUS	ASTM D790	MPa		9450
FLEXURAL STRENGTH	ASTM 790	MPa		217
SPECIFIC GRAVITY	ASTM D792	G/CC		1.43
TG	ASTM D 3418	C		160

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 :-

**NOZZLE :- 360-375C, BED :- 125-130C**

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.