



TECHNICAL DATASHEET :-PEKK-A 3D PRINTING FILAMENT

TEST ITEM	TEST METHODS	UNITS	SPECIFICATIONS	RESULTS
TENSILE STRENGTH	ASTM D 638	MPa		90
TENSILE MODULUS	ASTM D 638	GPa		3.2
ELONGATION	ASTM D 638	%		15
IMPACT STRENGTH	ASTM D 256	J/m		55
FLEXURAL MODULUS	ASTM D 790	GPa		3.3
FLEXURAL STRENGTH	ASTM D 790	MPa		155
SPECIFIC GRAVITY	ASTM D792	G/CC		1.28
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 :- 340-360C, 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.