TECHNICAL DATASHEET :- PA66-CF20 3D PRINTING FILAMENT

TEST ITEM	TEST METHODS	UNITS	SPECIFICATIONS	RESULTS
TENSILE STRENGTH (YIELD)	ASTM D638	MPa		193
TENSILE ELONGATION(BREAK)	ASTM D638	%		3
FLEXURAL MODULUS	ASTM D790	MPa		547
FLEXURAL STRENGTH	ASTM D790	MPa		296
IZOD NOTCH IMPACT 3.00MM	ASTM D256	J/M		64
HDT 1.80MPa	ASTM D648	C		240
SPECIFIC GRAVITY	ASTM D792	G/CC		1.25

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 :- 265-285C, BED :- 125-130C, CHAMBER:- 45-70C