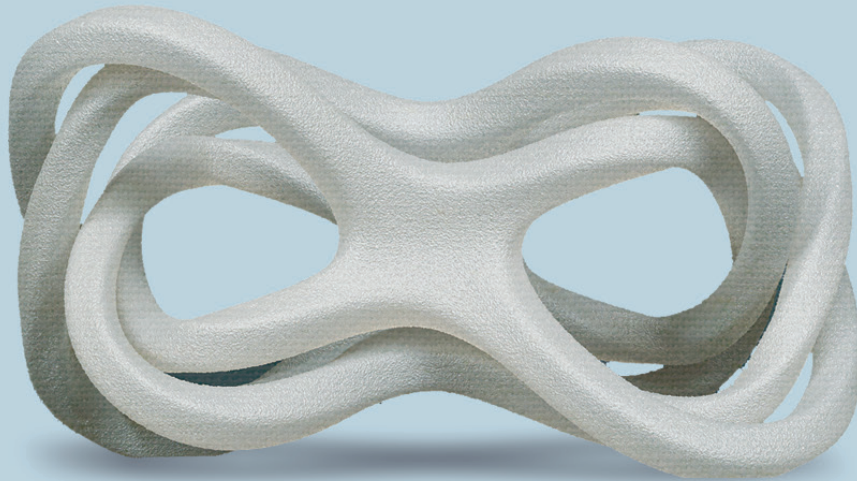




# PEKK CARBON KIMYA



**PEKK CARBON FILAMENT** is easier to print than PEI or PEEK. It is designed for high technical applications

| HEAT RESISTANCE (UP TO 260°) | ABRASION RESISTANCE  
| CHEMICAL RESISTANCE | FLAME RETARDANT UL94 V0

## FILAMENT PROPERTIES

DESCRIPTION	TEST METHODS	UNITS	VALUES
Diameter	INS-6712	mm	1.75 ± 0.1 2.85 ± 0.1
Density	ISO 1183	g/cm <sup>3</sup>	1.27
Humidity rate	INS-6711	ppm	< 10,000
Glass temperature tg		°C	160
Tensile Modulus	ISO 527	MPa	2,900
Flexural Modulus	ISO 178	MPa	3,000
Izod Impact Strength (notched type A)	ISO 180	kJ/m <sup>2</sup>	5.0