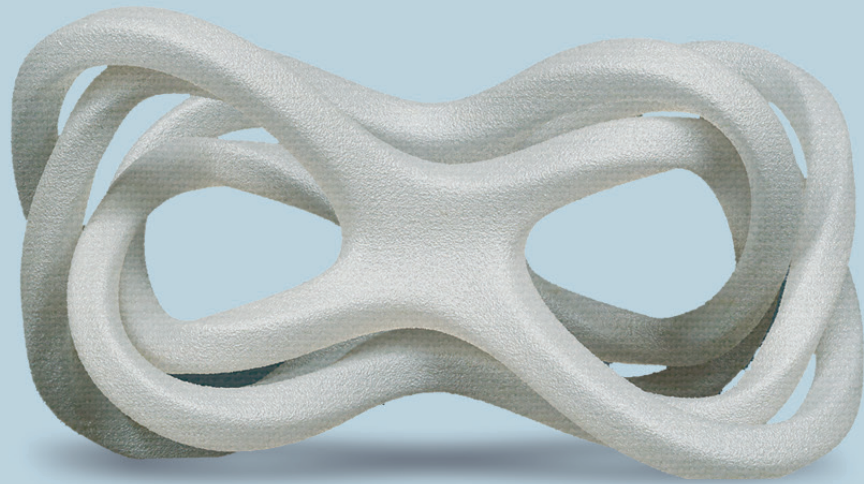




PEI-1010 KIMYA



PEI-1010 FILAMENT is resistant to UV, abrasion and solvents. Moreover, it has an excellent dimensional stability

| CHEMICAL RESISTANCE | ABRASION AND UV RESISTANCE
| HIGH RIGIDITY | 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 1183-1	g/cm ³	1.27
Moisture rate	INS-6711	%	< 10,000
Glass transition temperature Tg	ISO 11357-1	°C	215
Tensile Modulus	ISO 527-2/5A/50	MPa	3,200
Flexural Modulus	ISO 178	MPa	3,300
Izod Impact Strength (notched type A)	ISO 180	kJ/m ²	10.0