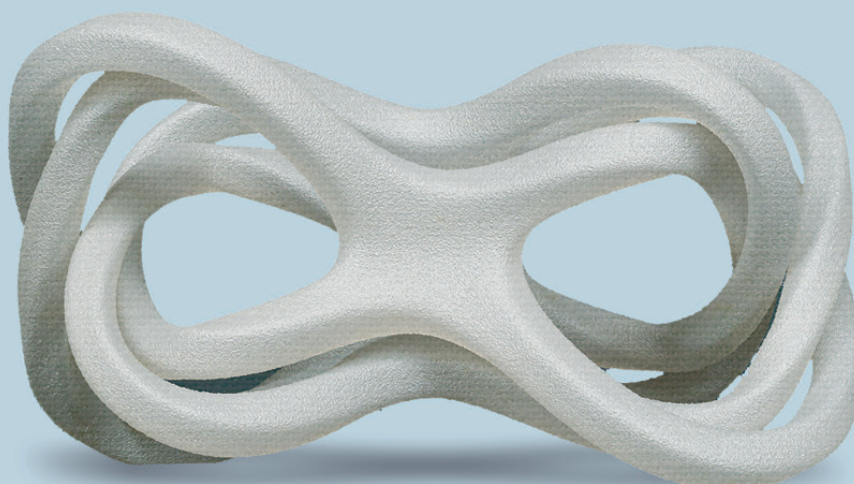




## KIMYA **PEI-1010**



**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 <sup>3</sup>	1,27
Moisture rate	INS-6711	%	< 1
Glass transition temperature (Tg)	ISO 11357-1	°C	216
Tensile Modulus	ISO 527-2/5A/50	MPa	3,200
Flexural Modulus	ISO 178	MPa	3,300
Charpy impact resistance	ISO 180	kJ/m <sup>2</sup>	10,0