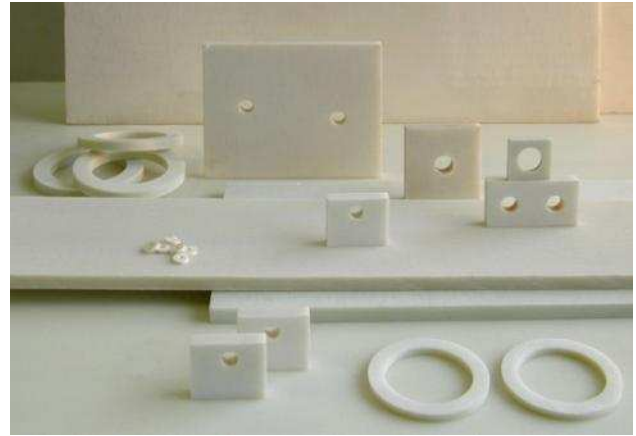
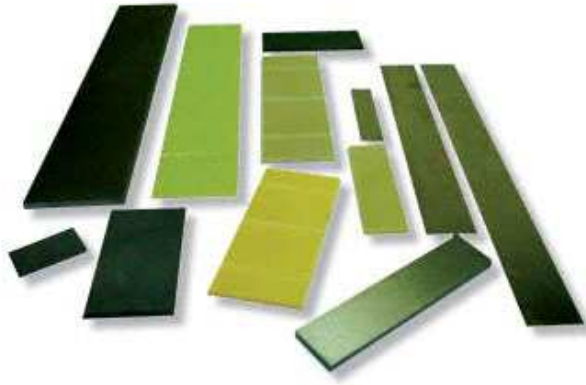


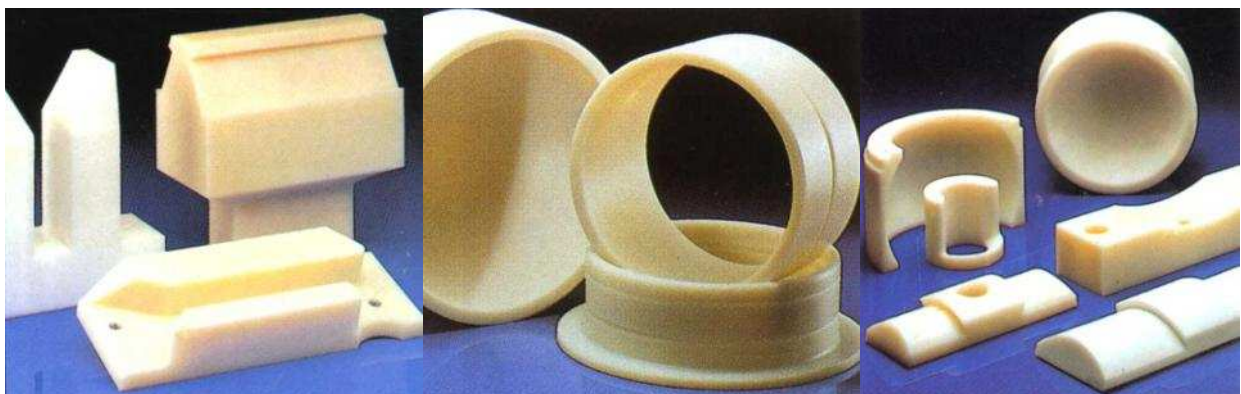
materials for industrial processes



technical plastics



QUALITY GRADE		PTFE	15%FV	25%FV	20%FV 5%G
PHYSICAL PROPERTIES					
Load	%Vol.		13,3	22,2	17,6/5,0
Dielectric Constant	at 60Hz	2,1	2,5	2,63	3,38
Tensile Strength	Kg/cm ²	315	232	189	161
Elongation	%	350	330	270	220
Density	g/cm ³	2,2	2,22	2,26	2,25
Hardness at 150 °C	Shore D	37	40	46	43
Thermal Conductivity	Cal.cm./ sg.cm2.°C	6x10 ⁻⁴	9x10 ⁻⁴	11x10 ⁻⁴	8,8x10 ⁻⁴
Friction Coefficient	0,14Kg/cm2 and 6m/min	0,12	0,14	0,16	0,16



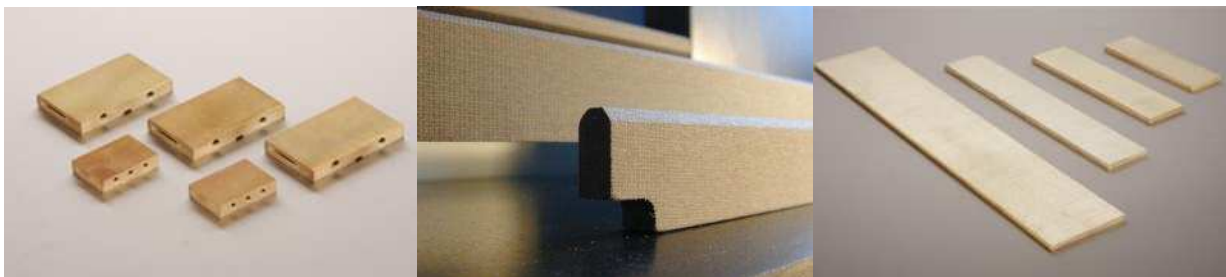
NOTA: These properties are typical average value and are for general guidance only, not compromising the Carbosystem company.



composites fiber



QUALITY GRADE		Cotton Fiber		Aramid Fiber	
COMPOSITION					
Quality Fiber		--		Nomex	Kevlar
Textile		Phenolic Resin		Phenolic Resin	
Addition		--	Graphite	Graphite	
PHYSICAL PROPERTIES					
Density	g/cm ³	1,40	1,45	1,40	1,45
Compressive Strength	MPa	300	265	250	290
Tensile Strength	MPa	80	80	50	120
Flexural Strength	MPa	150	140	125	155
Rockwell Hardness (HR/M)	scale F	60	50	50	50
Safe Use Temperature	°C	120	120	160	170



NOTA: These properties are typical average value and are for general guidance only, not compromising the Carbosystem company.