

COMPOUNDED PTFE

Properties	Test Method (ASTM)	Unit	25% CFT	35% CFT	25% GFT	15% GFT	40% BR	60% BR	15%GFT+ MOS 5	15%GFT+ 5% GR	25% GR
Specific Gravity	D4745	--	2.0 Min	1.95 Min	2.20 Min	2.19 Min	3.07 Min	3.85 Min	2.25 Min	2.24 Min	210 Min
Bulk Density	D4745	g/l	450-550	450-550	450-550	450-550	900-950	900-975	450-550	450-550	450-550
Tensile Strength	D4745	Kg/cm ²	150 Min	110 Min	140 Min	170 Min	210 Min	160 Min	180 Min	140 Min	110 Min
Elongation	D4745	%	110 Min	80 Min	210 Min	220 Min	280 Min	200 Min	260 Min	280 Min	100 Min
Hardness	D4745	ShoreD	62-65	60-65	63-66	61-65	60-64	62-66	63-65	60-65	60-65
Shrinkage	D4745	(-) %	2.5 $\pm$ 0.5	2.5 $\pm$ 0.5	2.0 $\pm$ 0.5	2.0 $\pm$ 0.5	2.5 $\pm$ 0.5	2.5 $\pm$ 0.5	2.0 $\pm$ 0.5	2.5 $\pm$ 0.5	2.5 $\pm$ 0.5
Recommended Molding Pr.	--	Kg/cm ²	400-450	400-450	400-450	400-450	450	450	450	300	450
Recommended Sintering Temp.	--	°C	300-375	300-375	370-375	370-375	370-375	370-375	365-370	370-375	365-370

CFT- Carbon filled PTFE,

GFT- Glass filled PTFE

BR -Bronze filled PTFE

MOS-Molybdenum Di sulphide

GR - Graphite filled PTFE

Al - Alumina

Can also offer Carbon Fiber, Metal (or any other combination of fillers as per customers requirement and end use application.