

PPS Modified Material Data Sheet (Supporting Statement 1)

Properties	Unit	Value
Specific Gravity	g/cm ³	1.75-1.79
Range of Melt Point	°C	285-295
Shrinkage	‰	2-3
Tensile Strength	MPa	165
Elongation at Break	%	6.5
Izod Impact	KJ/m ²	15
Flexural Strength	Mpa	265
Shore Hardness)		99.8
Abrasion Resistant	Mg/1000r	6-7.5
Limiting Oxygen Index	%	47
Burning Rate	UL94	V0
Resistivity		1.0*10 ¹⁶
Dielectric Coefficient	10 ³¹ Cycles	9.8