

## PSC PPV0 500-1-12

Application: Highly UV resistant, Flame Retardant, injection molding PP based compound, formulated with the blend of engineering grade reinforcement fillers, assuring a combination of high flexural modulus and ductility.

### PRELIMINARY PRODUCT SPECIFICATIONS:

Property	Units	Typical Value	Test Method
Density	g/cm <sup>3</sup>	1.27	ASTM D792
Melt Flow Rate	g/10 min	12	ASTM D1238
Tensile Strength @ Yield	PSI	4,500 min.	ASTM D638
Ultimate Elongation	%	5 min.	ASTM D638
Flexural Modulus, tangent	PSI	575,000	ASTM D790 (Procedure B)
Flexural Modulus, 1%	PSI	425,000	ASTM D790
Flammability	1/8"	V-0	UL 94
Oxygen Index	%	25 min.	ASTM D2863
Impact, Dart	ft, lb	11	ASTM D5420
Vicat,	°C	151	ASTM 1525
Impact, Izod (notched)	ft-lb/in	.75	ASTM D256
Suggested Processing Parameters:			
Temperature Profile		390 - 420°F	
Stock Temperature		415°F	