

PSC V2-PP-DIC 12

Application: New generation of UL recognized, low bloom, Flame Retardant PP based compound with reduced level of antimony oxide and brominated FR.

PRELIMINARY PRODUCT SPECIFICATIONS:

Property	Units	Typical Value	Test Method
Density	g/cm ³	0.91	ASTM D792
Melt Flow Rate	g/10 min	12	ASTM D1238
Tensile Strength @ Yield	PSI	3.500	ASTM D638
Ultimate Elongation	%	250 min.	ASTM D638
Flexural Modulus, tangent	PSI	200,000	ASTM D790 (Procedure B)
Flexural Modulus, 1%	PSI	175,000	ASTM D790
Flammability	1/16"	V-2	UL 94
Oxygen Index	%	24 min.	ASTM D2863
Impact, Dart	ft, lb/in	15	ASTM D5420
Impact, Izod (notched)	ft-lb/in	4 min	ASTM D256
Suggested Processing Parameters:			
Temperature Profile		390 - 420°F	
Stock Temperature		415°F	