

POWDER COATING EVALUATION							
DATE:01-07-07		RESIN White Super-Durable			RIF.		TEST No. 10988/89/11009/10
FORMULA		B		EVALUATION PURPOSE:			
Raw material		Wt Wt%		Check performance of Staphyloid 3832-S			
Albester		308.75 59.951					
Primid XL-552		16.25 3.16					
Benzoin		2 0.388					
Resiflow PV-88		5.4 1.049					
Kronos 2160 white		167.6 32.54					
Staphyloid AC3832-S		15 2.913					
				EXTRUDER (MP-19MM)			
				SETTING			
				TEMP. 20		FEED:	
				TEMP. 90		RPM: 300	
				reading			
TOTAL WEIGHT		515.0 100.00		TEMP. 100 °C		Load %: 65-80	
POLYESTER / CROSSLINKER:				TEMP. 110 °C			
PIGMENT / BINDER:				TEMP. 3 °C			
Curing Schedule 10' @ 200C							
Thickness (Microns)		60-70					
Appearance		good					
Flow PCI		7					
Gloss 60°/20°		95/85					
Conical Mandrel		pass					
Impact	Dir.	160					
	Rev.	160					
COMMENTS: Full impact resistance was achieved at the 4.7% level based on resin.							