

POWDER COATING EVALUATION							
DATE: 01-07-07		RESIN White Super-Durable			RIF.		TEST No. 10988/89/11009/10
FORMULA			EVALUATION PURPOSE:				
Raw material		Wt	Wt%	Check performance of Staphyloid 3832-S			
Albester 6140		302.5	58.738				
TGIC		22.5	4.37				
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.							