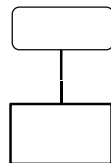
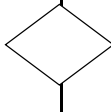

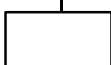
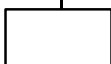
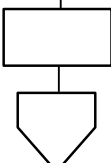
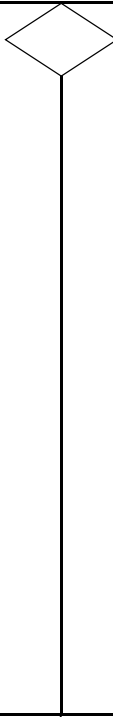
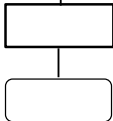


Product Name		PROCESS FLOW CHART			Prepared by	Checked by	Approved by
Colour Masterbatch					DO NOT COPY		
Step	Graphical Symbol	Process Name	Equipment	Key Product & Key Control Characteristics	Corrective Action		
1		Start Raw Material Received	Scales	<ul style="list-style-type: none">• Code No., Quantity• Weighting ± 1 % / Container	Return Supplier / Record Incoming Material (WH-F-002)		
2		Incoming Inspection	Two Roll Mill Spectrophotometer	<ul style="list-style-type: none">• Mixing RM Temperature 150-200 °C• Delta E (Color Shade) 0.5-3.00	Report To Warehouse		
3		Material Preparation	Scales	<ul style="list-style-type: none">• Weighting ± 0.5 g./ 7.5 kg.• Weighting ± 0.01 kg./ 60 kg.			
4		Mixing	High Speed Mixer	<ul style="list-style-type: none">• Max 100 kg./ Batch• Amp Meter 20-40 Amp.			
5		Extrusion	Twin Screw Extruder	<ul style="list-style-type: none">• 25-300 kg./ Hrs.• Temperature 100-300 °C	Rerun Process		
6		Cooling & Pelletizing	Water bath & Pelletizer	<ul style="list-style-type: none">• Speed 300-1,300 rpm.	Rerun Process		

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Colour Masterbatch					DO NOT COPY		
Step	Graphical Symbol	Process Name	Equipment	Key Product & Key Control Characteristics	Corrective Action		
7		Final Inspection	Spectrophotometer Microscope Magnifier Karl Fischer Moisture Balance Bulk Density Tester Density Tester Furnance High Performance Liquid Chromatography (HPLC) Filter Test Film Blowing Differential Scanning Calorimeter (DSC)	<ul style="list-style-type: none">• Delta E (Color Shade)• Dispersion• Homogeneity• Contamination• Moisture• Bulk Density• Density• Ash Content• Additive Content• Filter Value• Dispersion Index• Oxidation Induction Time (O.I.T)	Adjust/ Rerun/ Record QC-Report (LA-F-006)		
8		Packing End	Scales	<ul style="list-style-type: none">• Weighting/ Identify Tag & Lable	Standard Packaging Operation		