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Lab Scope

Test	Manufacture	Description	Model Number	Method
% Moisture	AND	Moisture Analyzer	MX-50	D6980
Melt Flow Index	Tinius Olsen	Extrusion Plastometer,	MP987	ASTM D1238
Melt Viscosity	Tinius Olsen	Extrusion Plastometer,	MP987	ASTM D1238
Izod Impact	Tinius Olsen	Impact Test (Izod Test)	503	ASTM D256
Extruder	Sterling	1.5 inch lab extruder		
Color	Xrite	Spectrophotometer for measuring color	Color i7	ASTM D1003, D2214, E1347, E1348
Color	Xrite	Color iQC Software	Color iQC	Per Work Instruction
Color	Xrite	Calibration of Color i7	NetProfiler	Per Work Instruction
Color	Byko	Color booth	QT-100	ASTM D1729
Flame Testing	Atlas	Horz./Vertical Flame Chamber for Flame testing. To perform the following test. VO-V@, 5VA, 5VB, HB	HVUL	Per UL-94
Material Press	Carver Laboratory Press	Pressing material to film sheets	150C	Per Work Instruction
% Ash	Phoenix Microwave Furnace	Ash Content	CEM	ASTM D5630
% Rubber	Bruker	Rubber Content Analyzer	Minispec MQ-One	Per Work Instruction
TGA	TA Instruments	Thermogrametric Analysis	Q500	ASTM E1131
Specific Gravity	Electronic Densimeters	Specific Gravity of material	MD300S	ASTM D792
Tensile	Instron	Tensile testing of filled and unfilled resins	3366	ASTM D638
Flexural	Instron	Flexural testing of filled and unfilled resins	3366	ASTM D790
Molding	Nissei	Molding of ASTM Test Specimens	NEX80	Per Work Instruction

We have the capability to mold Step Chips, Flame Bars (.0625", .100", .125", .250"), ASTM Tensile Bars, ASTM Flex Bars, ASTM Izod