

**POTENTIAL
FAILURE MODE AND EFFECTS ANALYSIS
(PROCESS FMEA)**

FMEA Number 1975

Item : RH Pad - I/P Upper Trim / MXP1002-01 Process Responsibility ACME

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Process Step / Function	Requirements	Potential Failure Mode	Potential Effect(s) of Failure	Severity	Classification	Potential Cause(s) of Failure	Occurrence	Current Process Controls Prevention	Current Process Controls Detection	Detection	RPN	Recommended Action	Responsibility	Target Completion Date	Action Results					
															Actions Taken	Effective Date	Severity	Occurrence	Detection	RPN
Op 010 - Receive Raw Resin	12 - Molded Part Appearance											NONE								
	100 - Bassell	Contaminated Material	Will not process correctly	6	▽	Improper Handling During Transit	3	Supplier Certification	SOP-126 (Non-Conforming Product Control)	7	126	NONE								
		Incorrect Color	Poor Appearance	6	▽	Mislabeled	2	Supplier Certification	SOP-126 (Non-Conforming Product Control) - SOP-120	2	24	NONE								
		Incorrect Quantity / Count	Material shortage	6	▽	Improper Handling During Transit	2	Supplier Certification	SOP-126 (Non-Conforming Product Control)	7	84	NONE								
		Material out of Specification	Material shortage	6	▽	Contaminated Material	3	Supplier Certification	SOP-126 (Non-Conforming Product Control)	3	54	NONE								
				6	▽	Mislabeled	2	Supplier Certification	SOP-126 (Non-Conforming Product Control)	2	24	NONE								
			Will not process correctly	5	▽	Contaminated Material	2	Supplier Certification	SOP-126 (Non-Conforming Product Control)	2	20	NONE								
		Out of Specification	Will not Assemble correctly	5	▽	Dimensionally Incorrect	2	Supplier Certification	SOP-126 (Non-Conforming Product Control)-SOP120	3	30	NONE								
		Wrong Melt Flow	Material shortage	6	▽	Degradation	3	Supplier Certification	SOP-126 (Non-Conforming Product Control)	3	54	NONE								
Op 012 - Receive Components	6 - Visual Inspection	Incorrect Quantity / Count	Material shortage	6		Improper Handling During Transit	2	Supplier Certification	SOP-126 (Non-Conforming Product Control)	7	84	NONE								
		Out of Specification	Will not assemble correctly	5		Improper Handling During Transit	2	Supplier Certification	SOP-126 (Non-Conforming Product Control)	3	30	NONE								
Op 013 - Receive Packaging	6 - Visual Inspection	Damaged Container	Damaged Product	5		Improper Handling During Transit	2	Supplier Certification	SOP-126 (Non-Conforming Product Control)	3	30	NONE								
		Incorrect Label	Inaccurate inventory	3		Incorrect Material	6	Incoming Inspection	SOP-117 (Indentification, Traceability and Staus)	3	54	NONE								
Op 030 - Lab Inspection/Resin Verification	5 - Material Sample Retain	Out of Specification	Loss of Physical Properties	8	▽	Supplier Deviated from Specification	1	Supplier Certification	Melt Index Test Equipment	2	16	NONE								
	46 - Receive Material	Out of Specification	Loss of Physical Properties	8	▽	Supplier Deviated from Specification	1	Supplier Certification to FMVSS302	Supplier Certification	2	16	NONE								