Injection Molded Part Acceptance Criteria Checklist

Purpose: Provide a controlled basis for deciding whether a molded sample or production lot should be **PASS, HOLD, REWORK, or REJECT**. This checklist organizes approved project requirements; it does not create new tolerances, visual limits, sampling rules, or test thresholds.

1) Program / Part Information

Customer / Program		**Part Name**	
Part Number		**Drawing Revision**	
Tool ID		**Cavity ID(s), if required**	
Sample / Lot ID		**Manufacturing Site**	
Material / Resin Grade		**Material Lot / Batch**	
Color / Appearance Spec		**Review Date**	

2) Controlled Acceptance Baseline

Baseline Input	Controlled Source	Reference / Revision	Verified
Released drawing / specification	Customer or approved product definition		[ ]
CTQ / special characteristics	Drawing, quality plan, or customer requirement		[ ]
Visual reference	Approved visual specification, master sample, or limit sample		[ ]
Functional / assembly requirement	Approved test plan, interface requirement, or assembly criterion		[ ]
Material / traceability requirement	Approved material specification and traceability requirement		[ ]
Deviation / concession, if applicable	Approved exception record and authority		[ ]

3) Acceptance Evidence Review

Category	Approved Requirement / Boundary	Evidence / Method	Traceability	Result / Observation	Status
Dimensional / CTQ	Released dimension, GD&T;, tolerance, or CTQ requirement	Approved measurement method / record	Revision + sample / lot + cavity if required		[ ] P [ ] H [ ] RW [ ] R
Cosmetic	Approved visual spec, drawing note, master or limit sample	Controlled visual inspection under defined condition, when specified	Revision + sample / lot + visual reference		[ ] P [ ] H [ ] RW [ ] R
Functional / Assembly	Released fit, interface, seal, retention, motion, or test requirement	Approved mating part, fixture, gauge, or test method	Revision + sample / lot + test record		[ ] P [ ] H [ ] RW [ ] R
Material / Traceability	Approved grade, color, filler/additive condition, and traceability requirement	Material record, lot/batch identity, certificate if required	Material lot + production lot + cavity if required		[ ] P [ ] H [ ] RW [ ] R
Label / Packaging	Approved identification, quantity, protection, and packaging requirement	Label / packaging verification where part-release scope requires it	Lot / shipment identity		[ ] P [ ] H [ ] RW [ ] R

Control rule: Use only approved project requirements. Do not introduce generic tolerance values, AQL levels, fixed sample quantities, universal visual defect sizes, mandatory all-cavity inspection, or test thresholds unless the governing project documents require them.

Disposition, Deviation and Approval Closure

Use this page to close the acceptance decision after the applicable evidence has been reviewed.

4) PASS / HOLD / REWORK / REJECT Decision

PASS	All applicable approved requirements are met, required evidence is complete, traceability is intact, and no unresolved exception prevents release.
HOLD	The acceptance decision remains open because evidence, requirement clarification, traceability, rework verification, or authorized deviation approval is still pending. HOLD is not REJECT.
REWORK	A defined and authorized corrective action may restore conformity. The affected requirement must be reverified after rework before final acceptance.
REJECT	The part or lot does not meet an applicable approved requirement and cannot be accepted as submitted. Final handling follows the applicable disposition authority.

5) Deviation / Conditional Approval (Complete Only When Applicable)

Control	Required Entry	Record / Reference
Affected requirement	Identify the drawing feature, visual, functional, material, or other requirement being deviated.	
Scope	Define part revision, sample / lot, quantity, cavity, or other controlled scope where applicable.	
Validity	Define one sample, one lot, quantity, expiry, or other authorized release condition.	
Approval authority	Identify the authorized customer, quality, engineering, or other approving function.	
Closure condition	State rework verification, follow-up evidence, document revision, or other required closure.	

6) Final Release Record

Final Disposition	[ ] PASS [ ] HOLD [ ] REWORK [ ] REJECT
Disposition Basis / Comments	
Open Deviation / Rework Reference	
Release Scope	Sample / Lot / Quantity / Other:

7) Review and Approval

Prepared / Inspected by	Quality / Engineering Review	Customer / Authorized Approval, if required
Name: Signature: Date:	Name: Signature: Date:	Name: Signature: Date:

Use note: This checklist is a buyer / supplier review aid. It does not replace the released drawing, customer-specific requirements, approved quality plan, test plan, visual standard, material specification, or authorized deviation. Sampling frequency and production-control strategy remain controlled by the applicable project documents.