



Top Reasons Plastics Manufacturers Prefer UL RoHS Compliant Certification for Plastics (QMFZ2)

Rating visible on UL’s “Yellow Card” –

Harness the power of UL’s “Yellow Card” and reach thousands of designers, engineers, and suppliers who use our databases daily to search and find compliant plastic materials.

Elimination of repetitive lot testing –

All plastics found to meet the RoHS compliant certification requirements, are required to become part of UL’s Follow-Up Services program, which helps ensure that certified products continue to be manufactured to meet UL’s requirements.

Globally recognized standard & test methods –

UL utilizes the globally recognized test methods from IEC 62321 – to determine that the levels of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers) are below the minimums established by law.

Fulfill EN 50581 Requirement –

EN 50581 “Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances” is the defacto rule book for CE Mark Technical File requirements regarding RoHS. UL’s RoHS Compliant rating program includes initial analytical testing and ongoing Follow Up inspection & testing to help manufacturers fulfill EN50581’s periodic review requirement.

Creates level playing field for industry –

Many manufacturers are spending a significant time creating individualized customized RoHS certificates of compliance documents for each lot of material to satisfy their customers. At UL, we simplify this process and make it easier, and quicker for the supply chain to validate RoHS compliant plastics on our industry leading databases (iQ™ and Prospector®). The supply chain can rest assured that all suppliers are required to meet the same test and compliance criteria, creating a level playing field.

UL LLC

Grade 101

Acrylonitrile Butadiene Styrene (ABS), furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	1.5	HB	4	0	60	60	60
	3.0	V-0	4	0	60	60	60

Comparative Tracking Index (CTI): 0

Inclined Plane Tracking (IPT): -

Dielectric Strength (kV/mm): 32

Volume Resistivity (10⁸ ohm-cm): 15

High-Voltage Arc Tracking Rate (HVTR): -

High Volt, Low Current Arc Resis (D495): -

Dimensional Stability (%): -

RoHS 2011/65/EU Compliant Material (color: ALL)



Communicate RoHS compliance clearly and credibly –

Customers that meet these requirements can advertise that their plastic materials are “UL Recognized Components and meet UL’s Outline of Investigation for Restricted Use Substances in Polymeric Materials (UL 746R)”. This becomes a highly valuable marketing tool when demonstrating that your company has successfully met and continually meets UL’s stringent standards, a trusted third-party certifier.

Competitive Pricing –

By using UL for your RoHS testing needs, you’ll get a competitive price and gain significant additional value over typical “test report” only suppliers. You can also reduce time to market by bundling your RoHS rating with UL94/746 plastics certification submittal. In many cases, UL can use the same samples submitted for a flame/electrical rating(s) to perform the RoHS testing, eliminating the need to prepare and ship special test samples.

For More Information please visit www.ul.com/contact T: +1.877.854.3577 E: IMDquote@ul.com