



RoHS Compliant Certification for Plastics (QMFZ2)

RoHS Certification for plastics (QMFZ2) provides independent verification that these materials comply with RoHS requirements.

The plastics market is more competitive than ever, requiring plastics manufacturers to find new ways to do business. Many manufacturers are conducting expensive repetitive testing and creating - individual customized RoHS certificates of compliance documents to satisfy their customers. At UL, we want to help plastic manufacturers simplify this process and make it easier, and quicker to validate RoHS compliant plastics. By doing this we can help customers free up their valuable time and level the playing field for both the producer and user.

Overview

UL's RoHS Certification for plastics (QMFZ2) program, certifies that plastics meet EU's Restriction of Hazardous Substances (RoHS) Directive (2002/95/EC and 2011/65/EU) and UL's Outline of Investigation for Restricted Use Substances In Polymeric Materials (UL 746R). This program 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.

Benefits of the Program

UL RoHS Certification for plastics (QMFZ2) provides an easy means for specifiers, OEM's and other purchasers to search and find plastics that meet RoHS compliance requirements from UL, a trusted third-party provider. This certification also eliminates the need, for repeated declaration or lot testing to demonstrate RoHS compliance status, thus saving time and money.



The primary program benefits include:

- Rating visible on UL's iQ™ and Prospector database
- Elimination of repetitive lot testing
- Level playing field for industry
- Globally recognized standard & test methods
- Ability to communicate RoHS compliance clearly and credibly, from UL, a trusted third-party certifier

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. Plastics that have this rating are included in UL's [iQ™](#) and [Prospector](#) databases, so the rating can be easily searched and verified.

For more information, please visit www.ul.com/contactus

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 (10° 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)

Promoting RoHS Compliance

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.

Getting Started

For additional questions or to get started, please contact your local customer service professional at www.ul.com/contactus or contacts below:

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