

LITHIUM BATTERIES TEST SUMMARY

IN ACCORDANCE WITH SUB-SECTION 38.3 OF UN MANUAL OF TESTS AND CRITERIA

1	Product Manufacturer	Robert Bosch Tool Corporation 1800 W. Central Road Mount Prospect, IL 60056 +1 (877) 267-2499 www.bosch.us PT-NA.Regulatory@us.bosch.com
2	Model	Dremel Go
3	Voltage rating	3.6v
4	Ah rating	1.5 Ah
5	Wh rating	5.4Wh

These models of Lithium ion cells have been successfully tested and comply with the UN Model Regulations, Manual of Test and Criteria, Part III, subsection 38.3

PERFORMED TESTS		RESULTS
38.3.4.1 T1	Altitude Simulation	Passed
38.3.4.2 T2	Thermal Test	Passed
38.3.4.3 T3	Vibration	Passed
38.3.4.4 T4	Shock	Passed
38.3.4.5 T5	External Short Circuit	Passed
38.3.4.6 T6	Impact	Passed
38.3.4.8 T8	Forced Discharge	Passed

(Note that test T7 is not applicable to cells that are included in equipment that has over charge protection.)

Revision Date: 2019-12-16	Revision Number: 1.0
Name, Title: Kevin Wasielewski, Engineering Expert Team Lead	Signature:

The UN 38.3 tests were performed by one of the following test houses and were tested to UN Manual Test and Criteria Revision 3 Amendment 1 or subsequent revisions or amendments.

LG Chem LG Twin Tower 20 Yoido-dong Youngdungpo-gu, Seoul, Korea www.lgchem.com +82-42-870-6195 junyongs@lgchem.com	Samsung SDI Safety Center Energy Business Division 508 Sungsungdong Cheonan, Chungcheongnamdo Korea www.samsungsdi.com +82-41-560-3114 sdimaster@samsung.com
---	--

LITHIUM CELLS OR BATTERIES TEST SUMMARY

IN ACCORDANCE WITH SUB-SECTION 38.3

OF UN MANUAL OF TESTS AND CRITERIA

Product Test Information

Model numbers	Physical Description	Battery weight (g)	Wh rating	Test report number	Test report date	Applicable UN Numbers acc. to UN Model Regulations
Dremel Go	Integrated single cell	48.0	5.4	QAE-EF02-110530-CY018650HB3	2011.5.30	UN3481
Dremel Go	Integrated single cell	43.5 max	5.4	MT0019194	2013.10.24	UN3481