

Product Compliance Declaration

Please see www.molex.com for the most up-to-date information.

Contact Information

Name Molex Product Compliance **E-Mail** Product.Compliance@molex.com

Part Information

Part Number 1600740002 **Part Weight** 26.076G

Part Name MX150UL ASSY RCPT 2X10 LTGY B/20

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX150UL ASSY RCPT 2X10 LTGY B/20	Assembly		100	26.076
MX150UL RCPT HSNG 2X10 LTGRAY B	Component		59.0581	15.4
PA6 GF LIGHT GRAY	Material		59.0581	15.4
PA6	Substance		25.6044	6.676593
GF-Fibre	Substance		17.7174	4.62
Antimonytrioxide	Substance	1309-64-4	3.2482	0.847
Carbon black	Substance	1333-86-4	0.0269	0.007007
Flame Retardant, ISO 1043-4 FR(17)	Substance		11.5163	3.003
Further Additives, not to declare	Substance	system	0.6201	0.1617
Pigment portion, not to declare	Substance	system	0.3248	0.0847
MX150 1.5 RCPT GROM CAP 20CKT 2X10 BLK	Component		10.642	2.775
PA66+PS-GF20 BLACK	Material		10.642	2.775
PS	Substance		2.3412	0.6105

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
PA66	Substance		5.7467	1.4985
GF-Fibre	Substance		2.1284	0.555
Pigment portion, not to declare	Substance	system	0.0319	0.008325
Further Additives, not to declare	Substance	system	0.3938	0.102675
MX150UL RCPT PLR 2X10 ASH GRY	Component		20.4403	5.33
PA6 GF ASH GRAY	Material		20.4403	5.33
PA6	Substance		8.554	2.230552
GF-Fibre	Substance		6.1321	1.599
Antimonytrioxide	Substance	1309-64-4	1.1242	0.29315
Carbon black	Substance	1333-86-4	0.1022	0.02665
Flame Retardant, ISO 1043-4 FR(17)	Substance		3.9858	1.03935
Cobalt titanite green spinel	Substance	68186-85-6	0.0002	0.000053
Pigment portion, not to declare	Substance	system	0.327	0.08528
Further Additives, not to declare	Substance	system	0.2146	0.055965
MX MATTE SEAL RCPT CKT X LTBLUE	Component		7.7504	2.021
VMQ	Material		7.7504	2.021
VMQ	Substance		4.5185	1.178243
Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated	Substance	68083-18-1	3.0227	0.78819
Silicon dioxide	Substance	7631-86-9	0.0388	0.010105
Siloxanes and silicones, di-Me, Me Ph	Substance	63148-52-7	0.1008	0.026273
Dimethylsilicone	Substance	63148-62-9	0.0194	0.005052
Cobalt-aluminate-blue-spinel	Substance	1345-16-0	0.0194	0.005052
Titanium-dioxide	Substance	13463-67-7	0.031	0.008084
MX PERIPHERAL SEAL CKT X	Component		2.1092	0.55
VMQ	Material		2.1092	0.55
VMQ	Substance		2.0776	0.54175
Chromium(III)oxide	Substance	1308-38-9	0.0127	0.0033
Siloxanes and silicones, di-Me, vinyl group-terminated	Substance	68083-19-2	0.019	0.00495

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HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

Not reviewed

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision D(2021)4569-DC (8 July 2021)

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Decamethylcyclopentasiloxane	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Disodium 3,3'-[[1,1'-Biphenyl]-4,4'-Diylbis(Azo)]Bis(4-Aminonaphthalene-1-	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
1,2-diethoxyethane	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Dibutyltin-dichloride	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
C.I. Direct Black 38	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Disodium-octaborate	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Dibutylbis(pentane-2,4-dionato-O,O')tin	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
diisohexyl phthalate	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
n-pentyl-isopentylphthalate	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Aluminosilicate Refractory Ceramic Fibres	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Zirconia Aluminosilicate Refractory Ceramic Fibres	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Fluoranthene	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Pyrene	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Diocetyl tin dilaurate, stannane, dioctyl-, bis(cocoacyloxy) derivs., and any other stannane,	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Methylhexahydrophthalic anhydride	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Lead sulfochromate yellow	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Tris(2-chloroethyl) phosphate	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Boric acid, disodium salt, hydrate	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Strontium-chromate	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Pentazinc-chromate-octahydroxide	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
1,2-Dimethoxyethane	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
1,2-bis(2-methoxyethoxy)ethane	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Decabromodiphenylether	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Cadmium-oxide	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Cadmium-sulphide	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Cadmium	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
pyrochlore, antimony lead yellow	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Lead-dinitrate	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Lead oxide sulfate (Pb ₂ O(SO ₄))	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Trilead-dioxide-phosphonate	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Tetralead-trioxide-sulphate	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
[Phthalato(2-)]dioxotrilead	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
Fatty Acids, C16-18, Lead Salts	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity
bis(2-(2-methoxyethoxy)ethyl) ether	MX150UL RCPT PLR 2X10 ASH GRY	1,000	2,000	Impurity

GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Antimonytrioxide	PA6 GF ASH GRAY	*Note	55,000	Yes
Antimonytrioxide	PA6 GF LIGHT GRAY	*Note	70,000	Yes
glass, oxide, chemicals	PA6 GF ASH GRAY	*Note	300,000	Yes
glass, oxide, chemicals	PA6 GF LIGHT GRAY	*Note	330,000	Yes
Cobalt titanite green spinel	PA6 GF ASH GRAY	*Note	10	Yes
Cobalt-aluminate-blue-spinel	VMQ	*Note	2,500	Yes

***Note:** For GADSL substance declarable/prohibited threshold values, please reference <http://www.gadsl.org/>

Exemptions

None

Additional Information

Annex XVII to REACH (76/769/EEC)	Compliant
Regulation (EU) 2019/1021 (POP)	Compliant

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Process Information

Component Plating / Surface Finish	N/A
Termination Base Alloy	N/A
Solder Alloy	N/A
Process Capability	N/A
Maximum Exposure Time (seconds)	N/A
Maximum Process Temperature (C)	N/A
Maximum Cycles at Reflow Temperature	N/A
J-STD-020 Moisture Sensitivity Level	N/A

Dec 23, 2021

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