

# Product Compliance Declaration

Please see [www.molex.com](http://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** 0643201318 **Part Weight** 35.48G

**Part Name** CMC Rcpt 48Ckt L gry mat seal

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CMC Rcpt 48Ckt L gry mat seal	Assembly		100	35.48
CMC RCPT CONN FRONT END GRY T3 48CKT	Component		12.4014	4.4
PBT-GF20 Grey	Material		12.4014	4.4
Color Concentrate	Material		0.248	0.088
1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol and hexanedioic acid	Substance	60961-73-1	0.1701	0.06034
Titanium-dioxide	Substance	13463-67-7	0.0758	0.0269
Further Additives, not to declare	Substance	system	0.0021	0.000759
PBT GF NATURAL	Material		12.1533	4.312
PBT	Substance		9.6497	3.423728
GF-Fibre	Substance		2.3577	0.836528
Further Additives, not to declare	Substance	system	0.1458	0.051744
CMC Rcpt Conn Back End Blk T3 48Ckt	Component		37.4014	13.27
PBT-GF20 Black	Material		37.4014	13.27

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Color Concentrate	Material		0.748	0.2654
1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol and hexanedioic acid	Substance	60961-73-1	0.6608	0.234437
Carbon black	Substance	1333-86-4	0.0873	0.030963
PBT GF NATURAL	Material		36.6533	13.0046
PBT	Substance		29.1027	10.325652
GF-Fibre	Substance		7.1107	2.522892
Further Additives, not to declare	Substance	system	0.4398	0.156055
CMC TPA T3	Component		4.9324	1.75
PBT-GF20 Grey	Material		4.9324	1.75
Color Concentrate	Material		0.0986	0.035
1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol and hexanedioic acid	Substance	60961-73-1	0.0676	0.023999
Titanium-dioxide	Substance	13463-67-7	0.0302	0.010699
Further Additives, not to declare	Substance	system	0.0009	0.000302
PBT GF NATURAL	Material		4.8337	1.715
PBT	Substance		3.838	1.36171
GF-Fibre	Substance		0.9377	0.33271
Further Additives, not to declare	Substance	system	0.058	0.02058
CMC REAR SEAL COVER 48 WAY 3L GREY	Component		11.3021	4.01
PBT-GF20 Grey	Material		11.3021	4.01
Color Concentrate	Material		0.226	0.0802
1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol and hexanedioic acid	Substance	60961-73-1	0.155	0.054992
Titanium-dioxide	Substance	13463-67-7	0.0691	0.024516
Further Additives, not to declare	Substance	system	0.002	0.000692
PBT GF NATURAL	Material		11.0761	3.9298
PBT	Substance		8.7944	3.120261
GF-Fibre	Substance		2.1488	0.762381
Further Additives, not to declare	Substance	system	0.1329	0.047158
CMC CPA T3	Component		22.5197	7.99

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
PBT GF BLACK	Material		22.5197	7.99
PBT	Substance		15.5886	5.530838
GF-Fibre	Substance		6.5807	2.334838
Pigment portion, not to declare	Substance	system	0.216	0.076624
Further Additives, not to declare	Substance	system	0.1344	0.0477
W CMC GROMMET SEAL FREE STATE	Component		9.5265	3.38
VMQ	Material		9.5265	3.38
VMQ	Substance		5.4958	1.949922
Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated	Substance	68083-18-1	3.6201	1.2844
Silicon dioxide	Substance	7631-86-9	0.0476	0.0169
Siloxanes and silicones, di-Me, Me Ph	Substance	63148-52-7	0.2953	0.10478
Synthetic iron oxide (Fe2O3)	Substance	1332-37-2	0.0676	0.023998
CMC Housing Seal Silicon LSR Ckt	Component		1.9166	0.68
VMQ	Material		1.9166	0.68
VMQ	Material		1.8687	0.663
Siloxanes and Silicones, di-Me, di-Ph	Substance	68083-14-7	0.1308	0.04641
Silamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products...	Substance	68909-20-6	0.4485	0.15912
VMQ	Substance		1.2894	0.45747
VMQ Masterbatch	Material		0.0479	0.017
VMQ	Substance		0.0455	0.01615
Pigment portion, not to declare	Substance	system	0.0024	0.00085

## HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

### Contained Substances Exceeding Threshold

Not reviewed

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## ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

### Contained Substances Exceeding Threshold

None

### Exemptions

None

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## REACH-SVHC Declaration Information

Regulatory Revision D(2020)9139-DC (19 Jan 2021)

### Contained Substances Exceeding Threshold

None

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## GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

### Contained Substances Exceeding Threshold

None

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

### Exemptions

None

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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

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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

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