

Test Report

Report No.: SFW24100014

Report Issue Date: 2024/01/08

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FORMOSA PLASTICS CORPORATION

NO. 1-1, SHIH-HWA 1ST RD., LIN-YUAN DISTRICT, KAOHSIUNG CITY 832, TAIWAN (R. O. C.)

The following sample(s) was/were submitted and identified by/on behalf of the applicant as:

Sample name : Polypropylene homopolymer.
Color : Clear semi-white.
Style/Item No. : 1005, 1005N, 1005T, 1009, 1020, 1020L, 1020T, 1024, 1024T, 1025, 1030T, 1040, 1040F, 1040U, 1080, 1080M, 1100, 1100SH, 1120, 1124, 1124H, 1202F, 1250D, 1350R, 1350D, 1350RF, 1352F, 1450D, 1600A, 1600D, 1600N, 1700D, 1900D, 1924F, 1990, 1990R, 2020, 2020H, 2020S, 2080, 2100, 2100M, 2100T, 6005P, 6010P, 6020P
Material composition : 100% Polypropylene.
Sample submitted by : FORMOSA PLASTICS CORPORATION
=====

Sample receiving date : 2024/01/02.
Testing period : 2024/01/02 - 2024/01/08

--- Please see the next page for test result(s) ---

Ray Chang

Ray Chang, Ph.D. / Department Manager
Signed for and on behalf of
SGS Taiwan Ltd.
Chemical Laboratory-Kaohsiung



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Component list / List of materials

No. Component description

- 1 Clear semi-white pellets

Test result(s):

Test item(s)	Method	Unit	RL	Result
				No.1
Polycyclic aromatic hydrocarbons (PAHs)				
Naphthalene (CAS No.91-20-3)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.
Acenaphthylene (CAS No.208-96-8)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.
Acenaphthene (CAS No.83-32-9)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.
Fluorene (CAS No.86-73-7)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.
Phenanthrene (CAS No.85-01-8)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.
Anthracene (CAS No.120-12-7)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.
Fluoranthene (CAS No.206-44-0)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.
Pyrene (CAS No.129-00-0)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.
Benzo[a]anthracene (CAS No.56-55-3)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.
Chrysene (CAS No.218-01-9)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.
Benzo[b]fluoranthene (CAS No.205-99-2)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.
Benzo[k]fluoranthene (CAS No.207-08-9)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.

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Test item(s)	Method	Unit	RL	Result
				No.1
Dibenzo[a,h]anthracene (CAS No.53-70-3)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.
Benzo[g,h,i]perylene (CAS No.191-24-2)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.
Indeno[1,2,3-c,d]pyrene (CAS No.193-39-5)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.
Benzo[a]pyrene (CAS No.50-32-8)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.
Benzo[j]fluoranthene (CAS No.205-82-3)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.
Benzo[e]pyrene (CAS No.192-97-2)	With reference to AfPS GS 2019:01 PAK. Analysis was performed by GC-MS.	mg/kg	0.1	n.d.
Sum of 18 PAHs	---	mg/kg	-	n.d.

Note:

- mg/kg = ppm ; 0.1 wt% = 1000 ppm
- RL = Reporting Limit
- n.d. = Not Detected

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* The tested sample / part is marked by an arrow if it's shown on the photo. *

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** End of report **

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