

# Test Report

Report No.: SFW25101351

Report Issue Date: 2025/02/05

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FORMOSA PLASTICS CORPORATION

10F, NO. 380, SEC. 6, NANJING E. RD., NEIHU DIST., TAIPEI CITY, TAIWAN (R.O.C.)

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

Sample name : Formocon.  
 Style/Item No. : FM090UV.  
 Material composition : Polyoxymethylene.  
 Color : Nature.  
 Sample submitted by : FORMOSA PLASTICS CORPORATION

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Sample receiving date : 2025/01/22.  
 Testing period : 2025/01/22 - 2025/02/05

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



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 Nature(white) granules

## Test result(s):

Test item(s)	Method	Unit	RL	Result
				No.1
<b>Polycyclic aromatic hydrocarbons (PAHs)</b>				
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.
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.

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Test item(s)	Method	Unit	RL	Result
				No.1
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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