

<b>Prüfbericht - Nr.:</b> 0114073389i 001		Seite 1 von 3	
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<b>Auftraggeber:</b> Client:	FORMOSA IDEMITSU PETROCHEMICAL CORPORATION RM.391,7F, 201, TUNG HWA N. RD., TAIPEI 105, TAIWAN, R.O.C.		
<b>Gegenstand der Prüfung:</b> Test Item:	聚碳酸酯樹脂(POLYCARBONATE RESIN)		
<b>Bezeichnung:</b> Identification:	#1700,1900,2200,2500 (#=A,R,IR,IV,IV-R,HQ)		
<b>Anlieferungszustand:</b> Delivery condition:	apparent good	<b>Eingangsdatum:</b> Date of Receipt:	2018-01-15
<b>Prüfört:</b> Testing location:	TÜV Rheinland Hong Kong Ltd.		
<b>Prüfgrundlage:</b> Test specification:	Testing according to customers specification for the following parameters: Polycyclic Aromatic Hydrocarbons (PAHs)		
<b>Prüfergebnis:</b> Test result:	The test results are the measurements, stated in the test report.		
<b>geprüft:</b> tested by:	<b>kontrolliert:</b> checked by:		
			
2018-01-26	Anne Chen /Coordinator	2018-01-26	Carl Chang /Department Manager
<b>Datum</b> Date	<b>Name/Stellung</b> Name/Position	<b>Unterschrift</b> Signature	<b>Datum</b> Date
			<b>Name/Stellung</b> Name/Position
			<b>Unterschrift</b> Signature
<b>Sonstiges/ Other Aspects:</b>			
Test period: 2018-01-15 – 2018-01-26			
<b>Abkürzungen:</b>	ok / P = entspricht Prüfgrundlage fail / F = entspricht nicht Prüfgrundlage n.a. / N = nicht anwendbar	<b>Abbreviations:</b>	ok / P = passed fail / F = failed n.a. / N = not applicable
<p><b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b></p> <p><i>This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.</i></p>			



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 Test Method : PAHs - AfPS GS 2014:01 PAK

2018-01-26

Parameter	CAS No.	Unit	Result
Acenaphthene	83-32-9	mg/kg	<0.2
Acenaphthylene	208-96-8	mg/kg	<0.2
Anthracene	120-12-7	mg/kg	<0.2
Benzo[a]anthracene	56-55-3	mg/kg	<0.2
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	<0.2
Benzo[b]fluoranthene	205-99-2	mg/kg	<0.2
Benzo[e]pyrene	192-97-2	mg/kg	<0.2
Benzo[g,h,i]perylene	191-24-2	mg/kg	<0.2
Benzo[j]fluoranthene	205-82-3	mg/kg	<0.2
Benzo[k]fluoranthene	207-08-9	mg/kg	<0.2
Chrysene	218-01-9	mg/kg	<0.2
Dibenzo[a,h]anthracene	53-70-3	mg/kg	<0.2
Fluoranthene	206-44-0	mg/kg	<0.2
Fluorene	86-73-7	mg/kg	<0.2
Indeno[1,2,3-c,d]pyrene	193-39-5	mg/kg	<0.2
Naphthalene	91-20-3	mg/kg	<0.2
Phenanthrene	85-01-8	mg/kg	<0.2
Pyrene	129-00-0	mg/kg	<0.2
Sum of Acenaphthylene, Acenaphthene, Anthracene, Fluoranthene, Fluorene, Phenanthrene, Pyrene	-	mg/kg	<0.2
Sum of 18 PAHs	-	mg/kg	<0.2

**Test Sample**


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**Remark:**

\*PAH maximum permissible limits requirement from the GS-Mark Approval published by the German Federal Institute for Occupational Safety and Health (BAuA)

Parameter	Unit	Category 1	Category 2		Category 3	
		Materials intended to be put into the mouth or materials of toy for children with long term intended skin contact (longer than 30 s)	Materials not covered by category 1, with foreseeable long term skin contact (longer than 30 s) or repeated short-term skin contact		Materials not covered by category 1 or 2, with foreseeable short term contact (shorter than 30 s)	
		-	Toys according to 2009/48/EC	Other products according to ProdSG	Toys according to 2009/48/EC	Other products according to ProdSG
Benzo[a]pyrene(BaP)	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Benzo[e]pyrene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Benzo[a]anthracene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Benzo[b]fluoranthene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Benzo[j]fluoranthene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Benzo[k]fluoranthene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Chrysene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Dibenzo[a,h]anthracene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Benzo[g,h,i]perylene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Indeno[1,2,3-cd]pyrene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Naphthalene	mg/kg	<1	<2	<2	<10	<10
Sum of Acenaphthylene Acenaphthene Anthracene Fluoranthene Fluorene Phenanthrene Pyrene	mg/kg	<1	<5	<10	<20	<50
Sum of 18 PAHs	mg/kg	<1	<5	<10	<20	<50

Limit: Specific evaluation required according to type of foreseeable use.

\*\* Single components with an amount of <0.2 mg/kg were not considered by the calculation of the sum.

--- End of Test-Report ---