

# Test Report

No. SHAEC1905681201

Date: 04 Apr 2019

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WACKER CHEMICALS (CHINA) CO., LTD

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The following sample(s) was/were submitted and identified on behalf of the clients as : CENUSIL®R 2×0 CN(x=3,5,7)

SGS Job No. : SP19-009075 - SH  
 Date of Sample Received : 27 Mar 2019  
 Testing Period : 27 Mar 2019 - 04 Apr 2019  
 Test Requested : Selected test(s) as requested by client.  
 Test Method : Please refer to next page(s).  
 Test Results : Please refer to next page(s).

### Result Summary :

Test Requested	Conclusion
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation-Extractable component	PASS
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation-Sensorial examination odour and taste test	PASS
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation-Lead(Pb) and cadmium(Cd)	PASS
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation-Volatile organic matter (VOM)	PASS
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation-Polynuclear aromatic hydrocarbons (PAHs)	PASS



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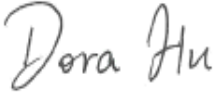
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Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Dora Hu  
Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	SHA19-056812.001	Translucent soft solid	SILICONE RUBBER

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

**German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation-Extractable component**

Test Method : With reference to 61st Mitteilung über die Untersuchung von Kunststoffen , Bundesgesundheitsbl 46 (2003) 362

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Extractives</u>	<u>Conclusion</u>
Deionized water	1.0hr(s)	100°C	0.5% (w/w)	<0.1% (w/w)	PASS
3% Acetic Acid	1.0hr(s)	100°C	0.5% (w/w)	<0.1% (w/w)	PASS
10% Ethanol	1.0hr(s)	100°C	0.5% (w/w)	<0.1% (w/w)	PASS

Notes :

- (1) Test condition & simulant were specified by client

**German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation-Sensorial examination odour and taste test**

Test Method : With reference to DIN 10955:2004  
 Test media: Distilled water  
 No. of panelist: 6



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<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>
Test time (hr(s))	-	1
Temperature(°C)	-	100
Sensorial examination odour (Point scale)	2.5	0
Sensorial examination taste (Point scale)	2.5	0
<b>Conclusion</b>		<b>PASS</b>

Notes :

- Intensity scale (rounded at 0.5):
- 0 – no perceptible difference
  - 1 – just perceptible difference
  - 2 – slight difference
  - 3 – marked difference
  - 4 – strong difference

**German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation-Lead(Pb) and cadmium(Cd)**

Test Method : Total lead and cadmium: Acidic digestion, analysis was performed by ICP-OES.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Total Lead	★	mg/kg	2	ND
Total Cadmium	★	mg/kg	2	ND
<b>Conclusion</b>				<b>PASS</b>

Notes :

- (1) ★= Absent

**German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation-Volatile organic matter (VOM)**

Test Method : With reference to 61. Mitteilung über die Untersuchung von Kunststoffen, Bundesgesundheitsbl 46(2003)362

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Time	-	hr(s)	-	1.0
Temperature	-	°C	-	100
Volatile organic matter (VOM)	0.5	% (w/w)	0.10	ND
<b>Conclusion</b>				<b>PASS</b>

Notes :



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(1) %w/w =percentage of weight by weight

**German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation-Polynuclear aromatic hydrocarbons (PAHs)**

Test Method : With reference to AfPS GS 2014:01 PAK, analysis was performed by GC-MS.

Test Item(s)	Limit	Unit	MDL	001
Sum of 18 PAHs	1	mg/kg	-	ND
Sum of Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	1	mg/kg	-	ND
Naphthalene(NAP)	1	mg/kg	0.1	ND
Acenaphthylene(ANY)	-	mg/kg	0.1	ND
Acenaphthene(ANA)	-	mg/kg	0.1	ND
Fluorene(FLU)	-	mg/kg	0.1	ND
Phenanthrene(PHE)	-	mg/kg	0.1	ND
Anthracene(ANT)	-	mg/kg	0.1	ND
Fluoranthene(FLT)	-	mg/kg	0.1	ND
Pyrene(PYR)	-	mg/kg	0.1	ND
Benzo(a)anthracene(BaA)	0.2	mg/kg	0.1	ND
Chrysene(CHR)	0.2	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF) and Benzo(j)fluoranthene(BjF)	0.2	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	0.2	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	0.2	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	0.2	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)	0.2	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	0.2	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	0.2	mg/kg	0.1	ND
<b>Conclusion</b>				<b>PASS</b>



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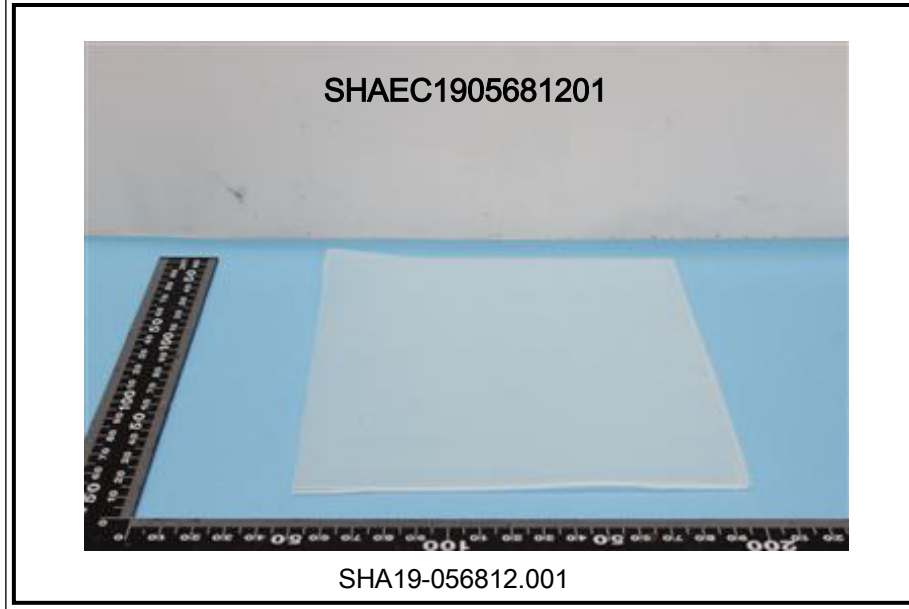
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