

Test Report

No. SHAMPLP1402742101

Date: 06 Mar 2014

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Miracll Chemicals Co.,Ltd

No.35 Changsha Street,Economic & Technological Development Zone,Yantai City,Shandong Province,P.R.China

The following sample(s) was/were submitted and identified on behalf of the clients as : (TPU) Thermoplastic Polyurethane

SGS Job No. : SHIN1402006693PC - SH

Material and Mark : H570

Client Ref. Information : QP140200050

E60/E65/E70/E75/E80/E85/E90/E95/E180U/E185U/E190U/E195U/E180/E185/E190/E195/E155D/E165D/E175D/E185L/E190L/E195L/E155DL/E165DL/S90/S95/S55D/S65D/S180/S185/S190/S195/S165D
 I85D/E260/E265/E270/E275/E280/E285/E290/E295/E370/E375/E380/E385/E390/E395/E365D/E375D/E570/E580/E585/E590/E595/E680/E685/E690/E695/E655D/E665D/E675D/M60/M65/M70/M75/M80
 M85/M88/M90/M95/M55D/M65D/M80F/M85F/M90F/M95F/L80/L85/L90/L95/L55D/L65D/L75D/H190/H220/H230/H240/H206/H210/H290L/H290/H290H/H390
 H570/H580/H585/H590/H680/H685/H690/H695/H780/H785/H870/E180F/E185F/E190F/E195F/E20S/F155/F160/F165/F170/E175/F830/F840/F850/A170/A180/A185/A870/A880/A885/A875D

Date of Sample Received : 28 Feb 2014

Testing Period : 28 Feb 2014 - 06 Mar 2014

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
FDA 21 CFR 177.2600- Total extractives	PASS



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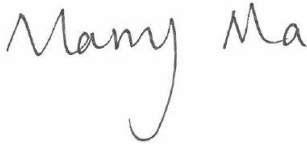
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Signed for and on behalf of
SGS-CSTC Ltd.



Marry Ma

Approved Signatory

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	SHA14-027421.001	Transparent solid piece	TPU

FDA 21 CFR 177.2600- Total extractives

Test Requested : As specified by client, to determine the amount of total extractives from rubber articles intended for repeated use for compliance with Food and Drug Administration Regulations.

Test Method : With reference to FDA 21 CFR 177.2600.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Total extractives</u>	<u>Comment</u>
Distilled water	7.0hr(s)	Reflux temperature	20mg/inch ²	0.6mg/inch ²	PASS
Succeeding extraction	2.0hr(s)	Reflux temperature	1mg/inch ²	<0.5mg/inch ²	PASS
n-Hexane	7.0hr(s)	Reflux temperature	175mg/inch ²	2.6mg/inch ²	PASS
Succeeding extraction	2.0hr(s)	Reflux temperature	4mg/inch ²	0.5mg/inch ²	PASS



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Sample photo:



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