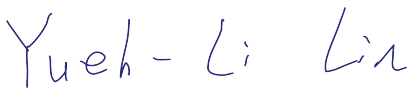



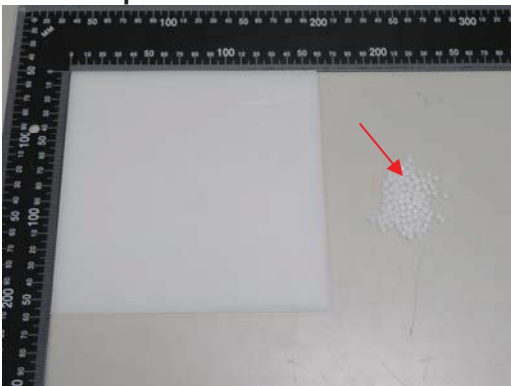
<b>Prüfbericht - Nr.:</b> 0114084999c1 001 <i>Test Report No.:</i>		Seite 1 von 2 <i>Page 1 of 2</i>	
<b>Auftraggeber:</b> <i>Client:</i>		FORMOSA PLASTICS CORPORATION No. 1, Formosa Industrial Complex, Mailiao, Yunlin 638, Taiwan, R.O.C.	
<b>Gegenstand der Prüfung:</b> <i>Test Item:</i>		1 plastic, white	
<b>Bezeichnung:</b> <i>Identification:</i>		台塑烯 HDPE 押出級聚合物/Taisox HDPE Extrusion Grade Polymer / 8009, 8010, 8012, 9002, 9007, 8009L, 9008	
<b>Anlieferungszustand:</b> <i>Delivery condition:</i>		<b>Eingangsdatum:</b> <i>Date of Receipt:</i>	2018-12-17
<b>Prüfart:</b> <i>Testing location:</i>		TÜV Rheinland Hong Kong Ltd.	
<b>Prüfgrundlage:</b> <i>Test specification:</i>		Testing according to customers specification for the following parameters: EN 71-3 2013+A3:2018 Migration of 19 Elements – with reference to 2009/48/EC and its amendment 2012/7/EU	
<b>Prüfergebnis:</b> <i>Test result:</i>		The test results are the measurements, stated in the test report.	
<b>geprüft: tested by:</b>		<b>kontrolliert: checked by:</b>	
			
2019-01-10 Yueh-Li Lin /Senior Project Coordinator		2019-01-10 Tammy Wang /Assistant Manager	
<b>Datum</b> <i>Date</i>	<b>Name/Stellung</b> <i>Name/Position</i>	<b>Unterschrift</b> <i>Signature</i>	<b>Datum</b> <i>Date</i>
<b>Sonstiges/ Other Aspects:</b>			
Test period: 2018-12-17 – 2019-01-10 The test sample is model no. 8010. Model no. 8010 and others are same material as client's declaration dated on 2018-12-17.			
<b>Abkürzungen:</b>		<b>Abbreviations:</b>	
ok / P = entspricht Prüfgrundlage		ok / P = passed	
fail / F = entspricht nicht Prüfgrundlage		fail / F = failed	
n.a. / N = nicht anwendbar		n.a. / N = not applicable	
<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> <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>			



Test Report No. : 0114084999c1 001 2019-01-10  
 Customer : FORMOSA PLASTICS CORPORATION  
 Test Method : Migration of 19 Elements - with reference to EN 71-3 2013+A3:2018,  
 for inorganic elements, analyzed by ICP-OES or ICP-MS.

Sample	台塑烯HDPE押出級聚合物 /Taisox HDPE Extrusion Grade Polymer plastic/ white TCL181217-05		Required by EN 71 part 3 (Category 3)
Material			
Lab.-No.			
<b>Migration of 19 elements</b>			
Aluminum (Al)	mg/kg	<10	70000
Antimony (Sb)	mg/kg	<1.0	560
Arsenic (As)	mg/kg	<1.0	47
Barium (Ba)	mg/kg	<2.5	18750
Boron (B)	mg/kg	<10	15000
Cadmium (Cd)	mg/kg	<1.0	17
Chromium III (CrIII)	mg/kg	<0.15	460
Chromium VI (CrVI)	mg/kg	<0.15	0.2
Cobalt (Co)	mg/kg	<2.5	130
Copper (Cu)	mg/kg	<2.5	7700
Lead (Pb)	mg/kg	<2.5	23
Manganese (Mn)	mg/kg	<2.5	15000
Mercury (Hg)	mg/kg	<1.0	94
Nickel (Ni)	mg/kg	<2.5	930
Selenium (Se)	mg/kg	<2.5	460
Strontium (Sr)	mg/kg	<2.5	56000
Tin (Sn)	mg/kg	<1.0	180000
Organic Tin	mg/kg	<1.0	12
Zinc (Zn)	mg/kg	<10	46000

The examined item does meet the requirement.

**Test sample**


--- End of Test-Report ---