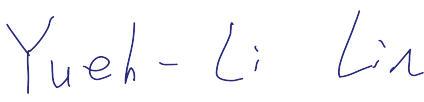



Prüfbericht - Nr.: 0114084999g1 001 <i>Test Report No.:</i>		Seite 1 von 2 <i>Page 1 of 2</i>	
Auftraggeber: <i>Client:</i>		FORMOSA PLASTICS CORPORATION No. 1, Formosa Industrial Complex, Mailiao, Yunlin 638, Taiwan, R.O.C.	
Gegenstand der Prüfung: <i>Test Item:</i>		1 plastic, black	
Bezeichnung: <i>Identification:</i>		台塑烯 HDPE 管級聚合物 / Taisox HDPE Pipe Grade Polymer / 8001BL, 8001XL, 8001CR	
Anlieferungszustand: <i>Delivery condition:</i>		Eingangsdatum: <i>Date of Receipt:</i>	2018-12-17
Prüfart: <i>Testing location:</i>		TÜV Rheinland Hong Kong Ltd.	
Prüfgrundlage: <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	
Prüfergebnis: <i>Test result:</i>		The test results are the measurements, stated in the test report.	
geprüft: tested by:		kontrolliert: checked by:	
			
2019-01-10 Yueh-Li Lin /Senior Project Coordinator		2019-01-10 Tammy Wang /Assistant Manager	
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>
Sonstiges/ Other Aspects:			
Test period: 2018-12-17 – 2019-01-10 The test sample is model no. 8001BL. Model no. 8001BL and others are same material as client's declaration dated on 2018-12-17.			
Abkürzungen:		Abbreviations:	
ok / P = entspricht Prüfgrundlage fail / F = entspricht nicht Prüfgrundlage n.a. / N = nicht anwendbar		ok / P = passed fail / F = failed n.a. / N = not applicable	
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. <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. : 0114084999g1 001
 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.

2019-01-10

Sample	Material	Lab.-No.	台塑烯HDPE管級聚合物 / Taisox HDPE Pipe Grade Polymer plastic/ black TCL181217-09	Required by EN 71 part 3 (Category 3)
Migration of 19 elements				
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 ---