

# Test Report

Report No.: SCL01H000623

Page 1 of 2

Customer :HANGZHOU MOONBAY INDUSTRIAL CO.,LTD.  
Address :NING'AN BUILDING, NORTH SHIXIN ROAD, XIAOSHAN, HANGZHOU  
CHINA

**The following sample information were submitted and identified by client as:**

Sample Name :HDPE drainage channel  
Batch No. :MB-S  
Item/Lot No. :MBS20141223-1015  
Supplier :Hangzhou Moonbay Industrial Co.,Ltd.  
Manufacturer :Hangzhou Moonbay Industrial Co.,Ltd.  
**Sample Received Date** :Jan. 5, 2015  
**Testing Period** :Jan. 5, 2015 to Jan. 21, 2015  
**Test Requested** :As specified by client, to determine the content of different component in the sample.  
**Test Apparatus** :**Fourier Transform Infrared Spectroscopy(FTIR), Gas Chromatography-Mass Spectrometer (GC-MS), Scanning Electron Microscope/Energy Dispersive Spectrometer (SEM/EDS), Differential Scanning Calorimetry(DSC)**  
**Test Standard** :Refer to GB/T 6040-2002, GB/T 9722-2006, GB/T 17359-2012, GB/T 19466.1-2004  
**Test Result(s)** :Please refer to the following page(s)  
\*\*\*To be continued\*\*\*

Tested by Mike  
Approved by Colin J  
Colin J  
Technical Manager

Reviewed by Darcy  
Date Jan. 21, 2015

NO. R147477836

Centre Testing International (Shenzhen) Co., Ltd. Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China



# Test Report

Report No.: SCL01H000623

Page 2 of 2

**Test Result(s):**

Tested part description: Black plastic

Component (s)	CAS No.	Content (%)
HD Polyethylene(HDPE)	9003-07-0	52.8
Polyethylene (PE)	9002-88-4	38.1
Calcium carbonate (CaCO <sub>3</sub> )	471-34-1	5.2
Styrene - butadiene elastomer	/	2.9
Talc Powder	14807-96-6	0.4
Titanium dioxide (TiO <sub>2</sub> )	1317-70-0	0.3
Carbon black	1333-86-4	0.1
Fatty acid ester	/	0.1
Calcium sulphate(CaSO <sub>4</sub> )	7778-18-9	0.1