

# bsi.

# Opinion Statement



By Royal Charter

## Water Footprint

### Verification Opinion Statement

This is to verify that: China General Plastics Corporation  
Toufen Plant  
No. 571, Minzu Rd.  
Toufen City  
Miaoli County  
351494  
Taiwan

華夏海灣塑膠股份有限公司頭份廠  
臺灣  
苗栗縣  
頭份市  
民族路 571 號  
351494

Holds Statement No: WFV 782122

#### Verification opinion statement

As a result of carrying out the verification of water footprint assessment, it is the opinion of BSI with reasonable assurance that:

- This verification is according to the water footprint assessment report of China General Plastics Corporation Toufen Plant.
- The system boundary is defined as an organizational boundary by operational control approach.
- The organizational boundary is defined as organization of China General Plastics Corporation Toufen Plant located on No. 571, Minzu Rd., Toufen City, Miaoli County 351494, Taiwan.
- No material misstatements in this ISO 14046:2014 assertion was revealed.

The data quality of organizational water footprint assessment was verified to be acceptable against the requirements of ISO 14046:2014.

This statement shall be valid for a maximum period of two years after the latest issue date on this certificate. Should there be a change in the life cycle of the water footprint are being assessed, the validity of this opinion statement will cease.

For and on behalf of BSI:

Managing Director BSI Taiwan, Peter Pu

Originally Registration Date: 2023-02-18

Effective Date: 2023-02-18

Latest Revision Date: 2023-02-18

Expiry Date: 2025-02-17

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Taiwan Headquarters: 2nd Floor, No.37, Ji-Hu Road Nei-Hu Dist., Taipei 11492, Taiwan, R.O.C.  
A Member of the BSI Group of Companies.

Statement No: WFV 782122

Location	Verification Information
China General Plastics Corporation Toufen Plant No. 571, Minzu Rd. Toufen City Miaoli County 351494 Taiwan 華夏海灣塑膠股份有限公司頭份廠 臺灣 苗栗縣 頭份市 民族路 571 號 351494	This verification is according to the water footprint assessment report of China General Plastics Corporation Toufen Plant.

The water footprint assessment declaration and other related information are as follows:

- The water scarcity footprint assessment within organizational boundary:

Name of Organization	Water withdrawal			Impact indicator results		
	Resource Type	Quantities	Unit	Impact Category	Quantities	Unit
China General Plastics Corporation Toufen Plant	Tap water	1,026,309	M <sup>3</sup> /Year	Climate change	788.4507	kg CO <sub>2</sub> eq
				Ozone depletion	--	kg CFC-11 eq
				Human toxicity, non-cancer effects	0.0003	CTUh
				Human toxicity, cancer effects	0.0001	CTUh
				Particulate matter	0.6722	kg PM2.5 eq
				Ionizing radiation HH	59.3555	kBq U235 eq
				Ionizing radiation E (interim)	0.0005	CTUe
	Groundwater	25,418	M <sup>3</sup> /Year	Photochemical ozone formation	2.3160	kg NMVOC eq
				Acidification	4.1817	molc H <sup>+</sup> eq
				Terrestrial eutrophication	8.0429	molc N eq
				Freshwater eutrophication	0.0485	kg P eq
				Marine eutrophication	0.7182	kg N eq
				Freshwater ecotoxicity	1,852.9710	CTUe
				Land use	999.2288	kg C deficit
				Water resource depletion	255.8208	m <sup>3</sup> water eq
				Mineral, fossil & ren resource depletion	0.0126	kg Sb eq

- The data in this organizational water footprint inventory report is from 2021-01-01 to 2021-12-31.
- The qualification methodology for water footprint assessment by using ILCD 2011 Midpoint+ approach.

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