

TECHNICAL DATA SHEET

Polyethylene Terephthalate Flakes

DESCRIPTION OF THE MATERIAL

Product Name: Polyethylene Terephthalate (PET Flakes).
 The Polyethylene terephthalate is a saturated polyester-type plastic.
 More than 95% of our PET comes from water and soft drink bottles.

Product Image:

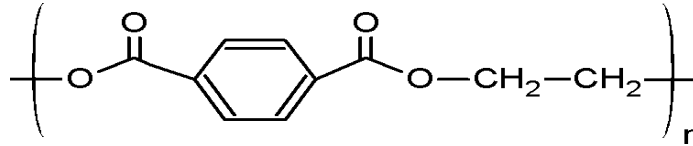


INTENDED USE

PET is mainly intended for the manufacture of bottles. It can also be used for other applications.

COMPOSITION

PET is washed by the hot water and others chemical products. The nomenclature can be represented as follows:



List of chemical products:

To wash the flakes, VALORFLAKES uses additives that comply with the European food contact requirements

CHEMICAL, PHYSICAL AND MICROBIOLOGICAL CHARACTERISTICS

Characteristics	Unit	Criteria	
		PET Clear	
Appearance	---	solid	
Form	---	Flakes	
Color	---	Blue/Light	
Odor	---	Absent	
Density	Kg/m ³	350 < > 300	
Decomposition temperature	°C	>350	
Melting temperature	°C	250-260	
Size	mm	8 < > 2	
PVC	ppm	<10	
Adhesive	ppm	<10	
Aluminum	ppm	<5	
Caps	ppm	<5	
Labels	ppm	<5	
Wood	ppm	<5	
Metal	ppm	<5	
Stone	ppm	<5	
PET with UV barrier technology	ppm	<1000	
Opaque	ppm	<20	
Black colour	ppm	<5	
Other couleur	ppm	<100	
PE	ppm	<5	
PO	ppm	<10	
PH	---	<8	
Moisture Content	%	Max 0,7	
Dust concentration	%	<0.1	
Intrinsic viscosity	dl/g	0.8 < > 0.72	
Solubility in water	---	insoluble	
Resistance to organic solvents	Phenol and highly chlorinated compound fat	---	Do not resist
	Oil and detergent NTT	---	Good
Light resistance	---	Good	
Resistance to alkaline dilutions	---	Not resistant	
Resistance to acidic concentrations	---	Not resistant	

*To the best of our knowledge, this information was correct on the date of publication.
 It is necessary each time to make sure of the version in force*

**TECHNICAL DATA SHEET**
Polyethylene Terephthalate FlakesVersion : 01
Date : 07/07/2020
Page : 2/2**CONSERVATION AND
STORAGE****Storage :**

The storage of the PET in the factory is done in BIGBAG.

Storage conditions :

- Keep away from heat, humidity and bad weather
- Store away from any flame
- Storage at an ambient temperature in a special and clean room on clean pallets.

**PACKAGING**The product packaged in BIG BAG is stored on wooden pallets.
Weight of the Big Bag [1000kg-1200kg].**DISTRIBUTION
METHOD**

Road and maritime transport.

TRANSPORT

Transport by trucks and boats.

LIFETIME***Preferably not to exceed 1 year from the date of manufacture, to preserve its physical, chemical and microbiological properties.*****CRITERIA TO BE
CHECKED BEFORE
MARKETING****Complies with the following criteria:**

- Technical data sheet
- Labeling and identification of the lot number
- Certificate of analysis
- Quantity