



## Specification

### PET BLUE FOOD FLAKES

Version 6.0

**Company name and adress:**

**PET to PET Recycling Österreich GmbH**  
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**Product number:**

20.100

**Product code:**

PET B FF

**Chemical description:**

Polyethylene terephthalate

**CAS-Nr.:**

25038-59-9

**Delivery form:**

Semi cristalline PET flakes

**Appearance:**

Blue

Big Bags (height x width x depth)  
 Delivered on one-way wooden pallet

2150 x 1100 x 1100  
 1150 x 1150

**Description**

Semi-cristalline Pet Flakes are produced out of PET post-consumer beverage bottles.  
 The process used is the Hybrid URRC-process by URRC.

Properties	Reference value	Unit	Test method
Material source	Beverage bottles	-	
PET type	A	-	
Colour of material source	Blue	-	
Bulk density	300 - 500	kg/m3	PA LAB 02
Flake size > 12 mm	< 5	%	PA LAB 13
Flake size < 0,5 mm	< 0,3	%	PA LAB 13
Intrinsic viscosity (calculated according to ISO 1628-1)	0,74 - 0,83	dl/g	PA LAB 20
Moisture content	< 0,7	%	PA LAB 03
pH - increase	< 0,5	-	PA LAB 08
Foreign material:			
- PVC polymers	< 5	ppm	PA LAB 01
- Metal (FE)	< 5	ppm	PA LAB 01
- Metal (NE)	< 5	ppm	PA LAB 01
- Polyolefine (PE/PP)	< 50	ppm	PA LAB 01
- Label film (plastic)	< 50	ppm	PA LAB 01
- Label film (paper)	< 15	ppm	PA LAB 01
- Silicon	< 20	ppm	PA LAB 01
- Wood	< 15	ppm	PA LAB 01
- Lime, salt	< 15	ppm	PA LAB 01
- PET coloured	< 1000	ppm	PA LAB 01
Black Specks > 2 mm	0	%	PA LAB 19
Black Specks > 1 - 2 mm	< 1	%	PA LAB 19
Black Specks 0,5 - 1 mm	< 10	%	PA LAB 19
GC MS (Acetaldehyd)	< 1,5	ppm	EXTERNAL
GC MS (Limonen)	Referring to TCCC specification	ppb	PA LAB 18

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