

rPET Doga C-4 Flakes

Product Description

PET flakes are manufactured from post consumer PET bottles with a non-food content of less than 5% and complying with Reg. EU 10/2011 for materials and articles intended to come into contact with food. Polyethylene terephthalate (PET) is a linear thermoplastic resin that is created by the polycondensation of terephthalic acid and ethyleneglycol. PET is a semi-crystalline plastic featuring high strength and flexibility, excellent machining properties, which ensures a wide range of applications and the PET flakes can be used for the production of food grade rPET material acc. to EC 2022/1616.

Collection and pre-processing

Collection of post-consumer PET bottles and pre-processing into flakes is done in accordance with EC 2022/1616, Art 6.

PROPERTY (ÖZELLİK)	SPECS.	TEST METHOD
GRAIN SIZE (mm) (BOYUT)	3 TO 12	TS EN 15348 Annex A
COLOR (RENK)	LIGHT BLUE & CLEAR	TS EN 15348 Annex A
SHAPE	FLAKES	TS EN 15348 Annex A
IV (dL/gr)	0,74 +/-0,02	ISO 1628-5
COLOR (RENK)	L 67 ≤ L	ASTM D-6290
	b b ≤ 0	ASTM D-6290
BULK DENSITY (kg/m ³) (YIĞIN YOĞUNLUĞU)	300 +/-50	ASTM D1895-96
MOISTURE (%) (NEM)	< 1	TS EN 15348 Annex B
DUST (%) (TOZ ORANI)	< 0,5	TS EN 15348 Annex A
PVC CONTENT (ppm)	< 10	TS EN 15348 Annex C
METAL CONTENT (ppm)	< 5	TS EN 15348 Annex C
WOOD, PAPER CONTENT (ppm) (TAHTA, KAĞIT)	< 5	TS EN 15348 Annex C
POLYOLEFINES CONTENT (ppm)	< 20	TS EN 15348 Annex C
OTHER CONTAMINATION (ppm) (DİĞER KİRLİLİK)	< 150	TS EN 15348 Annex C
Ph	Neutral	-
COLOURED FLAKES (ppm) (RENKLİ FLAKE)	< 2000	TS EN 15348 Annex C
GLUE CONTENT (ppm) (YAPIŞKAN)	< 2000	TS EN 15348 Annex C
LIGHT BLUE (%)	60 <	TS EN 15348 Annex C
BIG BAG ON PELLETS (110 x 110 x 235)	App, 800 kg +/-100	-



Remarks regarding raw material

The values listed above can be referred to internal test procedures. These values are guidelines, which are valid for an average load. More information or specific offers are available on request. Samples cannot be seen as reference for deliveries.