

TECHNICAL DATA SHEET (TDS)

Product Name: PET Flakes – Clear
Product Type: Recycled PET (rPET) Flakes
Origin: Post-consumer PET bottle



1. Product Description

Clear PET Flakes are produced from post-consumer PET bottles through advanced sorting, washing, and processing systems. The material is suitable for a wide range of applications including fiber, sheet, strapping, and packaging industries.

The product offers stable quality, low contamination levels, and consistent supply performance.

2. Technical Specifications

Property	Test Method	Min	Max	Unit
pH	pH Meter	6.0	7.5	-
Intrinsic Viscosity (IV)	ASTM D4603	0.70	0.82	dl/g
Bulk Density	CEV 202	250	310	kg/m ³
Flake Size	Internal Method	2	12	mm
Moisture Content	CEV 304	0.4	0.8	%
Melting Point	CEV 305	245	255	°C

3. Contamination Levels

Parameter	Test Method	Min	Max	Unit
PVC Content	CEV 305	0	50	ppm
Polyolefin (PO)	CEV 305	0	10	ppm
Polycarbonate (PC)	CEV 305	0	10	ppm
Metal Content	CEV 305	0	10	ppm
Colored PET	CEV 305	0	10	ppm
Other Impurities	CEV 305	0	10	ppm

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4. Packaging

Parameter	Specification
Packaging Type	Big Bags
Net Weight	800 – 1100 kg

5. Remarks Regarding Raw Material

- The given values are the average values of the result obtained in Hür Plastik Laboratories.
- This products is not classified as a hazardous material.
- Please refer to our Material Safety Data Sheet (MSDS) for details on Various aspect of safety, recovery and disposal of the product.