



HSM ECO GREENPET

Material Data Sheet - PET Flakes (Clear)

Specification	Values	Unit
Colour	Clear	
Delivery form	Flakes	
Intrinsic Viscosity (iV-Value)	0.75 +/- 0.03	dl/g

Mechanical characteristics		
Flakes size	3 -12	mm
Bulk Density	280 +/- 50	kg/m ³

Physical/chemic. characteristics		
Moisture	< 0.80	%
Specific weight	~ 1.35	g/cm ³
Melting point	app. 250	°C

Purity values		
Metal	< 5	ppm
Paper	< 10	ppm
Polyolefins	< 10	ppm
PVC	< 10	ppm
Other (glass, wood, stone etc)	< 10	ppm
PET Flakes with glue	< 500	ppm (Incl. Weight of Flakes)
PET Dust	< 1	%
PET Flakes light blue	< 50	ppm

Packaging	
Big Bags on pellets	Approx 1150 kg (2.4m x 1.1m x 1.1m)

Remarks regarding raw material
PET Flakes are strictly made out of post-consumer PET Bottles. More than 95% of our PET comes from water and soft drink bottles. These values are guidelines, which are valid for an average load (20 Big Bags) and can range within the given limits. All of our flakes are sieved rigorously for below 2 mm particle removal and this helps in getting increased screen life on the screen changer.

Variants available:

- Bottle to Bottle Grade
- PET Sheet Grade
- PET Strap Grade
- Textile Grade

Disclaimer: The data presented herein is true and accurate to the best of our knowledge. No warranty or guarantee expressed or implied is made regarding performance or otherwise.