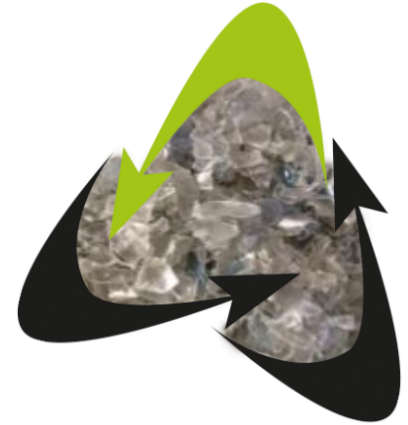


# Material Datasheet

## Recycled Regrind

PET Hot Washed Flake - A clear, hot washed flake PET from post-consumer beverage bottles. The Processed used is a caustic hot wash with subsequent colour and laser flake sorting.

PLASgran Recycled Regrinds are **high quality** regrind polymers produced from controlled blends of recycled materials, to **defined specifications**.



Property	Value	Unit
Material Source	Beverage Bottles	
PET-Type	Semi Crystalline	
Colour of Material Source	Clear and Light Blue	
Source Density	1.33	g/cm <sup>3</sup>
Bulk Density	250/400	kg/m <sup>3</sup>
Nominal Flake Size	10	Mm
Flake Size >10mm	<1	%
Fines <0.5mm	<0.3	%
<b>Flake Colour</b>		
L	>50	CIE LAB
IV-Value (from melt viscosity)	0.72/0.76	dl/g
Moisture Content	<1.5	%
Ph Value (variance from neutral)	+/- 2.0	
PET Light Blue Flakes	2-10	%
<b>Foreign Materials</b>		
PVC	<25	ppm
Metals	<10	ppm
Polyolefins (PE/PP)	<20	ppm
Label & Film Residue	<1	% flakes affected
Others (Line, silicone,...)	<20	ppm
PET Colours Flakes	<1.5	%

**\*\*NB\*\*** The property details shown above are typical of the material type and are for guidance only. They do not constitute specification limits. Variances from the above information may occur and no guarantee can be provided or implied due to the factors that may or will influence the processing of the material and varied material sources to produce the material. The above information does not relieve the processor(s), user(s) and product manufacturer(s) of the requirement to carry out their own specific testing.