

MATERIAL DATASHEET



Sorting Process

Post Consumer PET Bottles collected across the country are processed in our state of art facility. Our processes are ISO 9001:2015, ISO 14001:2015, GRS, Reach SHVC certified.

Diamond PET Flakes are manufactured with caustic hot wash systems and precisely sorted with multiple bottle sorters and a final lazer flake sorter to get high consistency output.

Property	Values	UOM
PET Type	Semi Crystalline	
Colour of Material Source	Clear and Light Blue	
Flake Size	3 to 12	mm
Surficial moisture	< 1.0	%
Bulk Density	270 to 320	kg/m3
IV- Value (from Melt Viscosity)	0.72 to 0.76	dl/g
PET Light Blue Flakes	1 to 5	%

Purity Values

Colour Pet Flakes	< 10	ppm
Paper / Label	< 20	ppm
PVC	< 20	ppm
Metal	< 10	ppm
Rubber	< 10	ppm
Other	< 30	ppm
Total Purity Value	< 100	ppm

Packaging

Jumbo Bag
L x W x H - 1.04 m x 1.04 m x 1.30 m
Weight each Bag 550 to 650 Kgs