



ROYAL INTERPACK CO.,LTD PET RECYCLING DIVISION

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Technical Data Sheet R-PET Flakes

Specification as per STF Technology

Sr. No	Test Characteristics	Equipment Used	Grade/Specification	Unit
1	Intrinsic Viscosity	Viscosity bath	0.700-0.750	dl/gm
2	Melting Point	Melting Point Apparatus	250-260	(°c)
3	PVC	Analytical Balance & Oven	< 100	PPM
4	Moisture(%)	Moisture Analyer	<1	%
5	Bulk Density	Measuring Cylinder	250-350	Kg/m ³
6	Flakes with glue	Analytical Balance & Oven	<500	PPM
7	Wrong color	Analytical Balance & Oven	< 50	PPM
8	Other Contamination	Analytical Balance & Oven	< 20	PPM
9	Yellowish color after heat	Analytical Balance & Oven	< 5000	PPM
10	AL/Metal	Analytical Balance & Oven	< 25	PPM
11	Paper/Label/Flotable/HDPE/LDPE/PP/PE	Analytical Balance & Oven	< 20	PPM
12	Color value L*	Ultrascan (Vis Hunter Lab)	60-70	CIE LAB
13	Color value a*	Ultrascan (Vis Hunter Lab)	(-2)-(-4)	CIE LAB
14	Color value b*	Ultrascan (Vis Hunter Lab)	(-1)-(-2.5)	CIE LAB
15	Particle Size(3.35~12.5mm)	Analytical Sieve Shakers	≥90%	%
16	Other Polymers (imc,Silicone/PET/PS)	Analytical Balance & Oven	< 20	PPM

Storage conditions

No exposure to direct sunlight. Storage temperature 30 °C.

We recommend the flakes be used. Within 6 months to assure the properties.