

Technical Data Sheet

PCR PET Flakes Transparent Blue

Product Code: 120604

Recycled Content: 100 % PCR (post-consumer)

Input Material: 100% post-consumer plastic from beverage bottles

Product Description:

120604 PCR PET Flakes Transparent Blue comes from post-consumer recycled materials in Asia and is suitable for blow moulding and extrusion applications. The material is Recyclclass (EN15343) and GRS certified.



Physical Property	Value	Units	Test Standard	Test Condition
Intrinsic Viscosity	0.70 ± 0.04	dL/g	ASTM D1238	calculated from MFR via the melt indexer's PET correlation
Melting Temperature	249 ± 2	°C	ASTM D3418	
Bulk Density	260 - 400	kg/m ³	ISO 124182	
Flake Size	<12	mm	ASTM D192118	
Moisture Content	<1	%	ASTM D698017	
Color L	>62		ASTM D629019	
Color a	-1 ± 2		ASTM D629019	
Color b	-3 ± 3		ASTM D629019	

Input Flake Quality Parameters			
Parameter	Value	Unit	Test Standard
PVC	<30	ppm	ASTM D599123
Non-PET Polymers	<40	ppm	ISO 124182
pH	7.5		ASTM E70
Dust and Fines (<1mm)	<1	%	ASTM D192118
Flakes with Glue	<6,000	ppm	Oven Test
Yellow and Aged Flakes (after bake)	<5,000	ppm	Oven Test
PA	<50	ppm	ISO 124182
HDPE/PP	<40	ppm	ISO 124182
Wood, Paper, Cellulose	<40	ppm	ISO 124182
Silicone, Rubber	<40	ppm	ISO 124182
Percentage of Clear Flakes	60 - 80	%	Visual Inspection
Percentage of Light Blue Flakes	20 - 40	%	Visual Inspection
Metal	<40	ppm	ISO 124182

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