

SASA PET BG

Sales Specification

Product: "SASA PET BG-84"
PET CHIPS

Specification No: CP9-CIPS-ÜS-003
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A. GENERAL

A-1. This specification describes a grade of **SASA PET BG-84** Polymer, which meets all of the requirements listed in section B when tested as directed by the referenced test methods.

A-2. Analytical reference test methods given in section B are SASA internal test methods. The person performing methods described herein must be thoroughly trained and under the supervision of a professional person who is knowledgeable in the relevant methods. The compliance of the specified grade of **SASA PET BG-84** Polymer with the specific downstream use is within the responsibility of the user.

B. PROPERTIES AND TEST METHODS

Parameter	Unit	Test Result	Specification	Test Method
Intrinsic Viscosity (IV)	dl/g	0.84	0.84±0.02	ASTM D4603
L Value	—	82.5	≥80	CIE Lab
b Value	—	1.2	≤1.0	
Acetaldehyde (AA)	ppm	0.65	≤1.0	ASTM F2013
Chip Size	gr/100 chips	1.5	1.6±0.2	—
Melting Point	°C	249.8	248±3	ASTM D3418
Moisture Content	wt%	0.08	≤0.20	ASTM D6980
COOH	meq/ kg	24	≤35	ASTM D7409-7
DEG	wt%	1.05	≤1.5	ASTM E2409-4
Crystallinity (For Reference)	%	49	≤50	ASTM D3418
Ash	%	0.018	≤0.05	ASTM D5630
Powder	mg/kg	15	≤50	ASTM D1921
Density	g/cm ³	1.395	1.4±0.01	ASTM D792

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