

Technical Data Sheet

Manufacturer:

KOKSAN CHINA

Product:

Bottle Grade PET Chips

Grade:

KS-261

Specifications:

No.	Item	Unit	Product Grade AA GRADE	Test Method
1	Intrinsic Viscosity	dL/g	0.770 ± 0.015	GB/T 14190-2017 5.1.1 (3:2)
1	Intrinsic Viscosity	dL/g	0.750 ± 0.015	ASTM D4603-03
2	Content of Acetaldehyde	µg/g	≤ 1.0	SH/T 1817-2017
3	Color (L Value)	—	≥ 82	GB/T 14190-2017 5.5.2 (without drying)
4	Color (b Value)	—	≤ 0	GB/T 14190-2017 5.5.2 (without drying)
5	Diethylene Glycol Content	%	1.30 ± 0.20	GB/T 14190-2017 5.2.1
6	Carboxyl End Group Content	mmol/kg	≤ 35	GB/T 14190-2017 5.4.2
7	Melting Point (By DSC)	°C	245 ± 2	GB/T 19466.3-2025 N ₂ flow
8	Pellet Appearance: Dust Content	ppm	≤ 100	GB/T 14190-2017 5.8.1
9	Pellet Appearance: Off-color Particles	pcs/500g	Nil	GB/T 17931-2018 6.10.2
10	Moisture Content	%	≤ 0.4	GB/T 14190-2017 5.7.2
11	Density	g/cm ³	1.40 ± 0.01	GB/T 1033.1-2008 5.1
12	Ash Content	%	≤ 0.08	GB/T 9345.2-2008
13	Wt. of 100 Chips	g/100pcs	1.65 ± 0.10	Weighing by balance

Disclaimer: This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

GLOBAL OFFICES

USA

2106 House Ave, Suite 712,
Cheyenne, Wyoming 82001, USA

SINGAPORE

20 Collyer Quay, #09-01,
Singapore 049319

UAE

Shams Business Center, Al Messaned,
Sharjah, UAE

PAKISTAN

T1 Horizon Tower, Corn 2/6, Khayaban
-e-Saadi, Block 3 Clifton, Karachi, Pakistan