PETResinGlobal

# Technical Data Sheet

## Manufacturer:

**KOKSAN CHINA**

## Product:

Carbonated Bottle Grade PET Chips

## Grade:

KS-264

## Specifications:

| No. | Item | Unit | Product Grade AA GRADE | Test Method |
|---|---|---|---|---|
| 1 | Intrinsic Viscosity | dL/g | 0.850 ± 0.015 | GB/T 14190-2017 5.1.1(3:2) |
| 1 | Intrinsic Viscosity | dL/g | 0.830 ± 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.

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