

Technical Data Sheet

Manufacturer:

SINOPEC Yizheng Chemical Fibre Limited Liability Company

Product:

Film Grade Polyester Chips

Grade:

FG600 (Base Material Type)

Application:

BOPET films, PET release films, optical films and solar backsheet films.

Specifications:

Property	Unit	Specification	Test Result	Test Method
Intrinsic Viscosity	dL/g	0.675 ± 0.010	0.677	GB/T 14190-2017, 5.1.1
Melting Point	°C	261 ± 2	260	GB/T 14190-2017, 5.3.1
Carboxyl End Group Content	mol/t	24 ± 4	24	GB/T 14190-2017, 5.4.1
Color b-value		1.0 ± 2.0	1.8	GB/T 14190-2017, 5.5.2
Color L-value		≥ 80	89	GB/T 14190-2017, 5.5.2
Moisture (Mass Fraction)	%	≤ 0.4	<0.1	GB/T 14190-2017, 5.7.1
Agglomerated Particles ($\geq 10 \mu\text{m}$)	particles/mg	≤ 0.8	0.0	GB/T 14190-2017
Diethylene Glycol (Mass Fraction)	%	1.0 ± 0.2	0.9	GB/T 14190-2017, 5.2.1
Iron Content	mg/kg	≤ 2	1	GB/T 14190-2017
Dust	mg/kg	≤ 100	0.0	GB/T 14190-2017, 5.8.1
Irregular Chips (Mass Fraction)	%	≤ 0.3	0.0	GB/T 14190-2017, 5.8.1

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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-e-Saadi, Block 3 Clifton, Karachi, Pakistan

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Report Details:

Batch No:

YZ165203J1/Y1603Z5203

Applicable Standard:

Q/SH 3070 02.11.02-2020

Inspection Result:

Premium Grade

Quality Inspector:

Zha Baoxia

Document Retention Period:

10 years

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