中国石化 SINOPEC

TECHNICAL DATA SHEET

Product Name: **PP Fiber Grade**

Product Grade: **PPH-Y26**

Product Description:

Sinopec is the largest PP fiber grade supplier in China. PP fiber grade by Sinopec is characterized by low ash content and good spinning properties.

Physical Properties:

Typical performance index (Not Warranted Value)

Item		Unit	Quality Index	Typical Value	Method
Appearance of Granules	Black Granule	/ kg	0	0	SH/T 1541.1-2019
	Colour Granule	/ kg	⩽ 5	1	
	Large & Small Particles	g/ kg	⩽ 100	36	
Melt Mass-Flow Rate (MFR)		g/ 10min	25 ± 2.5	25.2	GB/T 3682.1-2018
Tensile Stress at Yield		MPa	⩾ 30	35.8	GB/T 1040.3-2006
Tensile Stress at Break		MPa	Report Value	18.9	GB/T 1040.3-2006
Nominal Tensile Strain at Break		%	Report Value	213	GB/T 1040.1-2018
Flexural Modulus		MPa	⩾ 1300	1745	GB/T 9341-2008
Charpy Notched Impact Strength (23 Degree C)		kJ/m^2	Report Value	2.4	GB/T 1043.1-2008

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Product Name: **PP Fiber Grade**
Product Grade: **PPH-Y26**

Product Characteristics:

- Low ash content
- Good spinning properties

Manufacturer:

Tianjin Refinery Co., Ltd.

Typical Applications:

PP fiber grade is widely used in the production of bulked continuous filament (BCF), fine and superfine staple fiber, cigarette filter tow and superfine non-woven fabric in high-speed and ultrahigh-speed spinning and spunbonded non-woven fabric production. It has a variety of applications in the decoration, medical sanitation martial and clothing production sectors.

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