



中国石化
SINOPEC

TECHNICAL DATA SHEET

Product Name: **Fiber Grade**

Product Grade: **Y26**

Product Description:

The product is a PP homo-polymer, which has low ash content and good fluidity. The monofilament made from this resin has high tensile strength and good spinning properties.

Physical Properties:

Typical performance index (Not Warranted Value)

Item	Unit	Quality Index	Typical Value
MFR	g/10min	26±3.5	26
Tensile Strength at yield	MPa	≥31.0	33.3
Tensile strength at broken	MPa	≥8.0	19.6
Isotactic Index	%	≥96	97
Ash	%	≤0.030	0.17
Elastic Modulus	Mpa	≥1200	1400

Product Characteristics:

- Low ash content.
- Good fluidity.

Manufacturer:

Sinopec Jingmen/ Zhenhai Refinery

Typical Applications:

The product is mainly used in the high-speed spinning fabric production, which includes all kinds of pack-thread, packing string, luggage belt, automobile safety belt etc.