TECHNICAL DATA SHEET

Product Name: **Fiber Grade**
Product Grade: **Y40**

Product Description:

The fiber resulting from peroxide degradation, is characterized by narrow molecular weight distribution, low ash content, and good spinnability. The final products are mainly used as materials in the areas of decoration and Medical Treatment & Public Health.

Physical Properties:

Typical performance index (Not Warranted Value)

Item	Unit	Quality Index	Typical Value
MFR	g/10min	37±7.0	36
Tensile Strength at yield	MPa	≥31.0	31.3
Tensile strength at broken	MPa	≥8.0	18.7
Tensile Modulus	Mpa	≥1200	1330
Ash	%	≤0.030	0.017
Isotactic Index	%	≥96.0	97.5

Product Characteristics:

- narrow molecular weight distribution
- low ash content.
- good spinnability.

Manufacturer:

Sinopec Zhenhai Refinery

Typical Applications:

PP fiber grade is widely used in the production of Non-woven Clothing, Short Fibers, Ultra-fine Staple Fibers.

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