



# 中国石油天然气股份有限公司 广东石化分公司

PETROCHINA GUANGDONG PETROCHEMICAL COMPANY

## POLYPROPYLENE RESIN L5E89 - YARN GRADE

PRODUCT ANALYSIS ITEM	POLYPROPYLENE		
	UNIT	STANDARD	TEST METHOD
COLOR RESIN	/Kg	≤5	SH/T 1541.1
UNEVEN RESIN	g/kg	≤10	SH/T 1541.1
ASH CONTENT	%	≤0.03	GB/T 9345.1
ISOTACTICITY	%	96.0	SH/T 1774
MELT FLOW INDEX	g/10min	3.2±0.6	GB/T 3682.1
TENSILE YIELD STRENGTH	Mpa	≥29.0	GB/T 1040.2
TENSILE OF BREAK	Mpa	≥15.0	GB/T 1040.2
NOMINAL TENSILE FRACTURE STRAIN	%	≥150	GB/T 9341

### Technology:

Dow Unipol

### Characteristics and Usages:

PP Yarn L5E89 is applicable to the production of textile monofilament and film, for packaging bag, carpet backing, twisted yarn and other silk materials etc.

### Requirements for Packaging, Transportation and Storage:

The product should be packed in externally coated polypropylene woven bags with a net content of 25kg per bag. The packaging bag should be dust-proof and moisture-proof, and sealed tightly to ensure that the product is not polluted and leaked during transportation, stacking and storage.

In the process of transportation and loading and unloading, it is strictly prohibited to use sharp tools such as iron hooks. Transport vehicles should be kept clean, dry and equipped with sheds or tarpaulins to avoid damage or sundries in packaging bags. During transportation, it shall not be mixed with sand, broken metal, coal and glass, etc. Also, it cannot be mixed with toxic and corrosive or flammable materials. No exposure to the sun or rain.

The shelf life of the product is 12 months (from the date of production). It should be stored in a ventilated, dry, clean warehouse with good fire protection facilities. When storing, avoid direct sunlight, strictly prohibit stacking in the open air.