



TECHNICAL DATA SHEET

Product Description

PP – L5E89 Which is produced by CHN Group Baotou Chemical Co., Ltd, based on The the Unipol™ gas phase process technology of grace company to produce homopolymer polypropylene resin. The main raw material of the product is polymerization grade propylene, which is produced by polymerization, degassing, granulation, packaging and other processes with efficient catalyst.



Product Specification

No.	Property		Units	PP-H, T, 124-02-035 (L5E89)		
				Premium	First	Qualified
1	Appearance	Coloring	pcs/kg	≤5	≤10	≤20
		Black Pellets	pcs/kg	0		
		Over or Undersized Pellets	g /kg	≤20		
2	Melt Flow Rate	Standard Value	g/10min	3.5		
		Deviation		±0.5	±0.9	±1.0
3	Isotactic Index		%	>95.5	≥94.0	
4	Ash, (mass)		mg/kg	≤300	≤500	
5.1	Tensile Property	Tensile Stress at Yield	MPa	≥31.0	≥30.0	≥29.0
5.2		Tensile Stress at Break	MPa	>16.0	>15.0	
5.3		Elongation at Break	%	≥180		
6	Yellowness Index			≤4		

Features

- Excellent ductility
- Excellent bending fatigue resistance, heat resistance
- High tensile strength and surface hardness
- Good resistance to environmental stress cracking

Applications

- Woven bags
- Non woven bags
- Jumbo bags, FIBC
- Injection moulding