



TECHNICAL DATA SHEET

Product Description

PP- S1003 Which is produced by CHN Group based on The the INEOS company's horizontal kettle gas phase polypropylene patented technology 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	Testing item		Unit	PP-H,T,130-45-030 (S1003)		
				High quality product	First-class product	Qualified product
1	Appearance	Coloring granule	pcs/kg	≤5	≤10	≤20
		Black granule	pcs/kg	0		
		Large granule and samll granule	g/kg	≤20		
	Melt mass-Flow rate		g/10min	3.0±0.5	3.0±0.6	3.0±0.9
3	Isotactic index		%	≥95.5		
4	Ash content(mass)		mg/kg	≤500		
5.1	Tensile Property	Tensile stress at yield	MPa	>31.0	>30.0	>29.0
5.2		Tensile stress at break	MPa	>15.0		
5.3		Nominal tensile strain at break	%	>150		
6	Yellow index		--	≤4.0		

Features

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

Applications

- Woven bags
- Adhesive tape
- Plastic tape