

TECHNICAL DATA SHEET

Product Description

PP-1101SC Which is produced by China Energy Group Ningxia Coal Industry Co., Ltd, based on NTH's Novolen gas-phase polypropylene technology. The product is produced with polymerized propylene as the main raw material, Under the action of a catalyst, through the process of polymerization, separation, granulation, packaging, etc.



Product Specification

No.	Testing item		Unit	PP-H, Y, 145-02-400 (1101SC)
1	Particle appearance	Color granule	pcs/kg	≤5
		Black granule	pcs/kg	0
		Large granule and small granule	g/kg	≤20
2	Melt mass-flow rate		g/10min	40±5
3	Total ash		mg/kg	≤300
4	Tensile properties	Modulus of elasticity in tension	MPa	≥1200
		Tensile stress at yield	MPa	≥30
		Tensile stress at break	MPa	Actual measurement
		Nominal tensile strain at break	%	Actual measurement
5	Yellow index			≤0
6	Isotactic index		%	≥96
7	Fish eyes	0.8mm	pcs/1520cm ²	Actual measurement
		0.4mm	pcs/1520cm ²	Actual measurement

Features

- High fluidity
- Low Ash content
- Good color stability
- Excellent oxidation resistance

Applications

- Non-woven fabric
- Fibersilk
- Artificial turf