

TECHNICAL DATA SHEET

Product Description

PP-1100N 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, M, 155-03-120 (1100N)
1	Particle appearance	Color granule	pcs/kg	≤20
		Black granule	pcs/kg	0
		Large granule and small granule	g/kg	Actual measurement
2	Melt mass-flow rate		g/10min	12±3.6
3	Isotactic index		%	≥95.0
4	Total ash		mg/kg	≤500
5	Tensile stress at yield		MPa	≥30.0
6	Flexural modulus		MPa	≥1000
7	Charpy notched impact (23℃)		KJ/m ²	≥1.0
8	Yellow index			≤0
9	Temperature of deflection under load (Tf 0.45)		℃	≥75
10	Moulding shrinkage	Parallel	%	Actual measurement
		Vertical	%	Actual measurement

Features

- Medium liquidity
- High mechanical strength
- High Isotactic index
- Good processing performance

Applications

- Chairs and tables
- boxes
- daily necessities
- Household utensils