



烟台龙义兴高分子材料有限公司
Longyixing Chemicals Co., Ltd

TECHNICAL DATA SHEET

Product Description

PP-2500HY 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 and ethylene 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-B,M,110-60P-020(2500HY)
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	2.0±0.6
3	Total ash		mg/kg	Actual measurement
4	Tensile stress at yield		MPa	≥19
6	Flexural modulus		MPa	Actual measurement
7	Charpy notched impact	23℃	KJ/m ²	Actual measurement
		-20℃	KJ/m ²	Actual measurement
8	Yellow index			≤4.0
9	Rockwell hardness			Actual measurement
10	Temperature of deflection under load(Tf 0.45)		℃	Actual measurement
11	Moulding shrinkage	Parallel	%	Actual measurement
		Vertical	%	Actual measurement

Features

- High impact resistance
- low liquidity
- Low Ash content
- Good processing performance

Applications

- Automobile battery shell
- Paint barrel
- Pipe/plate
- Baby carriage/motorcycle parts