

# 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/m2 | Actual measurement |
| -20℃ | KJ/m2 | 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 Applications**

* High impact resistance ·Automobile battery shell
* low liquidity ·Paint barrel
* Low Ash content ·Pipe/plate
* Good processing performance ·Baby carriage/motorcycle parts