**Quick Details**

Place of Origin: China (Mainland)

Brand Name: HW PETROCHEM

Model Number: PP V30G

Other name: PP granules raffia grade / yarn grade

Color: Natural, Transparent

Type: PP homopolymer

Packaging Details: 25 kg woven bags/1000 kg FIBC as customer request, 18MT in 20FCL

Delivery Detail: Within 10 days

Production Name: Polypropylene V30G

Grade: Raffia Grade / Injection, extrusion, film etc.

Appearance: Natural transparent granules

**Specification**

|  |  |  |  |
| --- | --- | --- | --- |
| Item | Methods of test(Standard Number) | Units | Values |
| Melt Flow Rate(230/2.16) | GB/T 3682 | g/10min | 15.0~20.0 |
| Granular Appearance(black) | SH/T 1541 | Pecs/kg | 0~20 |
| Granular Appearance(Large and small) | SH/T 1541 | g/kg | 10 |
| Isotacticity Index, ≥ | GB/T 2412 | % | 94.0 |
| Tensile Yield Stress, ≥ | GB/T 1040.2 | Mpa | 28.0 |
| Yellowness Index, ≤ | GB/T 2409 | - | 2.0 |

**Product characteristics:**

It is specially developed for producing stretched tapes with following features, consistent process ability, easy orientation, low water carry over, good mechanical properties.

**Product usage:**

It serves as an ideal raw material for producing thin-wall injection molding items, flexible intermediate bulk containers, water cups, carpet backing. It is suitable for food contact application.

**Storage:**

The resin should be stored in a drafty, dry warehouse and away from fire and direct sunlight.

It should not be piled up in the open air.

**Transportation:**

During transportation, the material should not be exposed to strong sunlight or rain and

should not be transported together with sand, soil, scrap metal, coal or glass. Transportation together with

toxic, corrosive and flammable substance is strictly prohibited.

**Introduction:**

Polypropylene, as thermoplastic polymer, is widely used in plastic field. Due to different catalyst and polymerization process, the polymers we gain are different in property and application.

PP has many useful properties, but lack of inherent toughness, especially when it below its glass transition temperature, however, by means of adding impact modifier, can enhance its shock resistance.

It is widely used in thermoplastic plastics field, particularly in fiber and filament, thin film extrusion, injection molding process and etc. Main commercial use of the PP of shock resistance is injection molding in automobile, house ware and utensil.

Its shock resistance, low density, tinting strength and process ability enables it to be ideal material. Moderate shock resistance, resin grade with higher melt flow velocity has higher flowing property, which can be useful in injection molding larger component, such as panels of automobile.