

# TECHNICAL DATA SHEET

## Polypropylene PP V30G

### Description

Polypropylene is a non-toxic, odorless, and tasteless milky white high crystalline polymer with a melting point of 164-170°C, A density of 0.90-0.91g/cm<sup>3</sup>, and a molecular weight of about 80,000-150,000. It is one of the lightest of all plastic varieties at present. It is particularly stable to water, and its water absorption rate in water for 24 hours is only 0.01%.

### Application direction

It is mainly used in injection molding processing, and can be processed into products such as food containers, toys, packaging boxes, vases, and garden equipment.

### Product packaging

Packed in 25 kg or 700 kg bag.

### Typical Characteristic

ITEM	UNIT	INDEX	TEST METHOD
Melt mass flow rate(2.16kg/230°C) Standard value	g/10min	15.2	GB/T 3682.1
Melt mass flow rate(2.16kg/230°C) Deviation value	g/10min	±3.0	GB/T 3682.1
Tensile yield stress	Mpa	35.1	GB/T 1040.1
Flexural modulus(Ef)	Mpa	1570	GB/T 9341
Charpy notched impact strength (23°C)	KJ/m <sup>2</sup>	3.3	GB/T 1843
Dust	Mg/kg	242	GB/T 9345.1



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