

# TECHNICAL DATA SHEET

## Product Description

#### PP - V30G

based on The the UnipolTM gas phase

process technology of grace company to produce homopolymer polypropylene resin. The main raw material of the product is polymerization grade propylene, which is produced by polymerization, degassing, granulation, packaging and other processes with efficient catalyst.







## Product Specification

No.		Property		РР-Н. Ү. 140-02-150 (угос)		
				(1306)		
				Premium	First	Qualified
1 Appearance	Coloring		pcs/kg	$\leqslant 5$	≤10	≤20
	Black Pellets		pcs/kg	0		
	Over or Undesized Pellets		g/kg	report		
	Snakeskin granule and tailing granule		pcs/kg	report		
2 Melt Flow Rate		Standard Value		14.5		
		Deviation	g/10min	$\pm 2.5$	$\pm 3$	$\pm 3.5$
Isotactic Index			%	$95 \pm 1.5$		
Ash, (mass)			mg/kg	≤300		
5.1 Tensile Property 5.2	Tensile Stress at Yield		MPa	≥31.0	≥30.0	≥29.0
	Tensile Stress at Break		MPa	≥8.00		
Flexural modulus, (E <sub>f</sub> )			MPa	report		
	Melt Flow Rate Isotactic Index Ash, (mass) Tensile Property	Appearance 0 Melt Flow Rate Isotactic Index Ash, (mass) Tensile Property Tens	AppearanceColoringAppearanceBlack PelletsOver or Undesized PelletsSnakeskin granule and tailing granuleMelt Flow RateStandard ValueIsotactic IndexDeviationAsh, (mass)Tensile Stress at YieldTensile PropertyTensile Stress at Break	AppearanceColoringpcs/kgAppearanceBlack Pelletspcs/kg0∨er or Undesized Pelletsg/kgSnakeskin granule and tailing granulepcs/kgNelt Flow RateStandard ValueMelt Flow RateDeviationIsotactic Index%Ash, (mass)mg/kgTensile Stress at YieldMPaTensile Stress at BreakMPa	PropertyUnitsPremiumAppearanceColoringpcs/kg<5Black Pelletspcs/kg $0$ </th <th>PropertyUnits<math>(V30G)</math>PremiumFirstPremiumFirstScoloringpcs/kg<math>\leq 5</math>Black Pelletspcs/kg<math>\circ</math>Black Pelletsg/kg<math>\cdot</math> reportStandard Valuepcs/kg<math>\cdot</math> reportMelt Flow RateStandard Value<math>g/10min</math>Isotactic Index<math>\cdot</math><math>\%</math>Ash, (mass)<math>mg/kg</math><math>\cdot</math>Tensile Stress at YieldMPaMelt<math>MPa</math><math>MPa</math><math>\cdot</math><math>MPa</math><math>\cdot</math><math>MPa</math><math>\cdot</math><math>MPa</math><math>\cdot</math><math>MPa</math><math>\cdot</math><math>MPa</math><math>\cdot</math></th>	PropertyUnits $(V30G)$ PremiumFirstPremiumFirstScoloringpcs/kg $\leq 5$ Black Pelletspcs/kg $\circ$ Black Pelletsg/kg $\cdot$ reportStandard Valuepcs/kg $\cdot$ reportMelt Flow RateStandard Value $g/10min$ Isotactic Index $\cdot$ $\%$ Ash, (mass) $mg/kg$ $\cdot$ Tensile Stress at YieldMPaMelt $MPa$ $MPa$ $\cdot$ $MPa$ $\cdot$ $MPa$ $\cdot$ $MPa$ $\cdot$ $MPa$ $\cdot$ $MPa$ $\cdot$

#### Features

- High rigidity
- High fluidity
- High heat resistance and deformation resistance
- Low ash content

### Applications

- Lids and covers for thin-walled products
- Various container
- Toys