## Polypropylene H39S-3

Chemdo

## TECHNICAL DATA SHEET

Chemical Formula: $\left(\mathrm{C}_{3} \mathrm{H}_{6}\right) \mathrm{n}$
Cas No. : 9003-07-0

- Manufacturer

China National Petroleum Corporation-Dalian Petrochemical Company (Oil Base, 200000tons/year)

- Description

Homo Polymer, Fiber Grade PP H39S-3 is a natural colored granule. It adopts the advanced Spheripol process of Lyondell-Basell.H39S-3 quality is very near with 3155 of ExxonMobil

- Applications

It is widely used to produce non-woven, high speed spinning,mask etc.

- Packaging

In 25 kg bag, 28 mt in one 40 HQ without pallet.

| No. | Properties | Units | Typical Values | Test Methods |
| :---: | :---: | :---: | :---: | :---: |
| 01 | Melt Flow Rate( $230^{\circ} \mathrm{C} / 2.16 \mathrm{~kg}$ ) | g/10min | 38 | GB/T 3682.1 |
| 02 | Isotactic Index | \% | 97.4 | GB/T 2412 |
| 03 | Ash | \% w/w | 0.0146 | GB/T 9345.1 |
| 04 | Yellowness Index | \% | -1.8 | HG/T 3862 |
| 05 | Fish Eyes 0.8 mm | $\mathrm{g} / 1520 \mathrm{~cm}^{2}$ | 1 | GB/T 6595 |
| 06 | Fish Eyes 0.4 mm | $\mathrm{g} / 1520 \mathrm{~cm}^{2}$ | 1 | GB/T 6595 |
| 07 | Tensile Strength at Yield ( $50 \mathrm{~mm} / \mathrm{min}$ ) | Mpa | 31.4 | GB/T 1040.2 |
| 08 | Tensile Strength at Break(50mm/min) | Mpa | 17.3 | GB/T 1040.2 |
| 09 | Nominal Tensile Strain at Break( $50 \mathrm{~mm} / \mathrm{min}$ ) | \% | 618 | GB/T 1040.2 |
| 10 | Tensile Modulus of Elasticity | Mpa | 1247 | GB/T 1040.2 |
| 11 | Flexural Modulus | Mpa | 1131 | GB/T 9341 |

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