



烟台龙义兴高分子材料有限公司  
Longyixing Chemicals Co., Ltd

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# Polypropylene H39S-3

## TECHNICAL DATA SHEET

Chemical Formula :  $(C_3H_6)_n$

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

| No. | Properties                                | Units                 | Typical Values | Test Methods |
|-----|-------------------------------------------|-----------------------|----------------|--------------|
| 01  | Melt Flow Rate(230°C/2.16kg)              | 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 0.8mm                           | g/1520cm <sup>2</sup> | 1              | GB/T 6595    |
| 06  | Fish Eyes 0.4mm                           | g/1520cm <sup>2</sup> | 1              | GB/T 6595    |
| 07  | Tensile Strength at Yield (50mm/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(50mm/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    |