

HY301

PP

Hanwha TotalEnergies Petrochemical co. Ltd.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 3 | g/10min | ASTM D 1238 |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Strength at Yield | 34.3 | MPa | ASTM D 638 |
| Elongation at Break | 500 | % | ASTM D 638 |
| Flexural Modulus | 1423 | MPa | ASTM D 790 |
| Rockwell Hardness | R 100 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 39.2 | J/m | ASTM D 256 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 910 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Injection Molding, Other Extrusion

Features

Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

Asia Pacific