

# Hyundai EP PPF HT340J

Polypropylene Homopolymer

HYUNDAI EP Co., Ltd.

## Message:

Hyundai EP PPF HT340J is a Polypropylene Homopolymer (PP Homopolymer) product. It is available in Asia Pacific. Primary characteristic: homopolymer.

| General Information                                      |               |                   |             |
|--|---------------|-------------------|-------------|
| Features   | Homopolymer   |                   |             |
| Forms  | Pellets       |                   |             |
| Physical   | Nominal Value | Unit              | Test Method |
| Specific Gravity   | 1.06          | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)                | 18            | g/10 min          | ASTM D1238  |
| Hardness   | Nominal Value | Unit              | Test Method |
| Rockwell Hardness (R-Scale)                              | 96            |                   | ASTM D785   |
| Mechanical   | Nominal Value | Unit              | Test Method |
| Tensile Strength (Yield)                                 | 30.0          | MPa               | ASTM D638   |
| Tensile Elongation (Break)                               | 17            | %                 | ASTM D638   |
| Flexural Modulus   | 2470          | MPa               | ASTM D790   |
| Flexural Strength  | 45.3          | MPa               | ASTM D790   |
| Impact   | Nominal Value | Unit              | Test Method |
| Notched Izod Impact                                      |               |                   | ASTM D256   |
| -30°C  | 27            | J/m               |             |
| 23°C   | 51            | J/m               |             |
| Thermal  | Nominal Value | Unit              | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 138           | °C                | ASTM D648   |

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