

**HP528H**

PP

Rayomand Petroleum and Energy Commercial Co.

| Processing/Physical Characteristics | Value | Unit    | Test Standard |
|-------------------------------------|-------|---------|---------------|
| <b>ASTM Data</b>                    |       |         |               |
| Melt Flow Index, MFI                | 2     | g/10min | ASTM D 1238   |
| Temperature                         | 230   | °C      | -             |
| Load                                | 2.16  | kg      | -             |

| Mechanical properties       | Value | Unit | Test Standard |
|-----------------------------|-------|------|---------------|
| <b>ASTM Data</b>            |       |      |               |
| Tensile Strength at Yield   | 35    | MPa  | ASTM D 638    |
| Elongation at Yield         | 12    | %    | ASTM D 638    |
| Flexural Modulus            | 1650  | MPa  | ASTM D 790    |
| Rockwell Hardness           | R 105 | -    | ASTM D 785    |
| Izod Impact notched, 1/8 in | 60    | J/m  | ASTM D 256    |

| Thermal properties | Value | Unit | Test Standard |
|--------------------|-------|------|---------------|
| <b>ASTM Data</b>   |       |      |               |
| DTUL @ 66 psi      | 94    | °C   | ASTM D 648    |
| Vicat Temperature  | 154   | °C   | ASTM D 1525   |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 900   | kg/m <sup>3</sup> | ASTM D 792    |

**Characteristics****Processing**

Film Extrusion

**Special Characteristics**

Anti-static, High impact or impact modified, Transparent

**Features**

Barrier Properties, Good Drawdown, Heat Sealable, High Gloss, Low Odor, Homopolymer

**Chemical Resistance**

Oil Resistance, Oxidation Resistance

**Certifications**

Food contact

**Applications**

Packaging

**Regional Availability**

Asia Pacific