

**RP100**

PP

Hanwha TotalEnergies Petrochemical co. Ltd.

**Product Texts**

Not resistant. May be used under certain conditions (brief contact).

Please consider the information about the application of the materials.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>0.25</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Yield stress	<b>27</b>	MPa	ISO 527
Yield strain	<b>10</b>	%	ISO 527
Strain at break	<b>500</b>	%	ISO 527
Flexural modulus, 23°C	<b>900</b>	MPa	ISO 178
Izod notched impact strength	<b>7.5</b>	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	<b>0</b>	°C	-

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	<b>80</b>	°C	ISO 75-1/-2

**Characteristics****Processing**

Pipe/Tube Extrusion, Profile Extrusion

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat

**Features**

Creep Resistance, Copolymer, Random Copolymer

**Certifications**

Food contact, Food approval FDA 21 CFR

**Regional Availability**

Asia Pacific