

**Advanced-PP 1101 SC**

PP

Advanced Petrochemical Company

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>35</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>1450</b>	MPa	ISO 527
Yield stress	<b>34</b>	MPa	ISO 527
Yield strain	<b>8</b>	%	ISO 527
Strain at break	<b>&gt;50</b>	%	ISO 527
Charpy impact strength, +23°C	<b>100</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>2.5</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Ball indentation hardness	<b>70</b>	MPa	ISO 2039-1
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>163</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	<b>85</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>154</b>	°C	ISO 306
<b>Other properties</b>			
Density	<b>910</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Special Characteristics**

U.V. stabilized or stable to weather

**Features**

Gas Fading Resistance, Homopolymer

**Certifications**

Food contact, Food approval FDA 21 CFR

**Regional Availability**

Near East/Africa