

**HA701T**

PP

Rayomand Petroleum and Energy Commercial Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>45</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>40</b>	MPa	ASTM D 638
Elongation at Yield	<b>6</b>	%	ASTM D 638
Flexural Modulus	<b>2050</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 110</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>28</b>	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>125</b>	°C	ASTM D 648
Vicat Temperature	<b>157</b>	°C	ASTM D 1525

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

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Transparent

**Features**

High Gloss, Thermal Stability

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

Packaging

**Regional Availability**

Asia Pacific