

**PTS POM-270**

POM

Amco Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	27	g/10min	ISO 1133
Temperature	87.8	°C	-
Load	0.98	kg	-
Molding shrinkage, parallel	2.0	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2550	MPa	ISO 527
Stress at break	63	MPa	ISO 527
Strain at break	30	%	ISO 527
Flexural modulus, 23°C	2350	MPa	ISO 178
Flexural strength	90.3	MPa	ISO 178
Izod notched impact strength, +23°C	5.26	kJ/m <sup>2</sup>	ISO 180/1A
Rockwell hardness	M 80	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	100	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	121	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	1410	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Delivery form**

Pellets

**Features**

Copolymer

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa