

PTS POM-25

POM

Amco Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	2.5	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
ISO Data			
Tensile Modulus	2350	MPa	ISO 527
Stress at break	59	MPa	ISO 527
Strain at break	45	%	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Flexural strength	82.7	MPa	ISO 178
Izod notched impact strength, +23°C	7.99	kJ/m ²	ISO 180/1A
Rockwell hardness	M 78	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	90	°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 ³	ISO 1183

Characteristics**Delivery form**

Pellets

Features

Copolymer

Regional Availability

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