

DOMOLEN PPCT30 NC

PP-T30

DOMO Engineering Plastics

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.8	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2400	MPa	ISO 527
Yield stress	22	MPa	ISO 527
Yield strain	4	%	ISO 527
Charpy impact strength, +23°C	80	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	25	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6.5	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	2.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	167	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	68	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	113	°C	ISO 75-1/-2
Vicat softening temperature, B	71	°C	ISO 306
Other properties			
Density	1130	kg/m ³	ISO 1183

Characteristics**Delivery form**

Natural Color

Regional Availability

North America, Europe, Asia Pacific

Features

Copolymer