

DURACon® TR-10D POM-MX			
Polyplastics			
Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Density, 73°F	1480	kg/m ³	ASTM D 792
Mechanical properties			
ISO Data			
Tensile Modulus	3700	MPa	ISO 527-1/-2
Tensile Strength	57	MPa	ISO 527-1/-2
Strain at break	5	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	3.3	kJ/m ²	ISO 179/1eA
Flexural modulus (23°C)	3500	MPa	ISO 178
ASTM Data			
Tensile Strength	55	MPa	ASTM D 638
Flexural Modulus	3430	MPa	ASTM D 790
Flexural Strength	93	MPa	ASTM D 790
Izod Impact notched, 1/8 in	0.0327	kJ/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	112	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	90	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	90	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
UL recognition	UL	-	-
ASTM Data			
DTUL @ 264 psi	142	°C	ASTM D 648
Electrical properties			
ISO Data			
Volume resistivity	3E12	Ohm*m	IEC 60093
Surface resistivity	>1E15	Ohm	IEC 60093
Other properties			
ISO Data			
Density	1480	kg/m ³	ISO 1183
Characteristics			
Features			
Creep Resistance, Low Warpage, Copolymer			