



DURACON® TR-5			
POM-MX			Polyplastics
Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3200	MPa	ISO 527-1/-2
Tensile Strength	62	MPa	ISO 527-1/-2
Strain at break	10	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	4	kJ/m²	ISO 179/1eA
Flexural modulus (23°C)	3000	MPa	ISO 178
Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	108	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	110	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	110	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
UL recognition	UL	-	-
Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	2E12	Ohm*m	IEC 60093
Surface resistivity	>1E15	Ohm	IEC 60093
Electric strength	20	kV/mm	IEC 60243-1
Other properties	Value	Unit	Test Standard
ISO Data			
Density	1440	kg/m³	ISO 1183
Characteristics			
Features			
Creep Resistance, Low Warpage, Copolymer			