



DURACON® MS-02			
POM-Z2			Polyplastics
Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	64	MPa	ISO 527-1/-2
Nominal strain at break	20	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	4.8	kJ/m ²	ISO 179/1eA
Flexural modulus (23°C)	2500	MPa	ISO 178
Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	81	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	120	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	120	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	3E12	Ohm*m	IEC 60093
Surface resistivity	>1E15	Ohm	IEC 60093
Other properties	Value	Unit	Test Standard
ISO Data			
Water absorption	0.5	%	Sim. to ISO 62
Density	1440	kg/m ³	ISO 1183
Characteristics			
Features			
Copolymer			