



DURACON® M270-44			
POM			Polyplastics
Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2800	MPa	ISO 527-1/-2
Tensile Strength	63	MPa	ISO 527-1/-2
Nominal strain at break	30	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	5.3	kJ/m ²	ISO 179/1eA
Flexural modulus (23°C)	2550	MPa	ISO 178
Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	100	°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	1E12	Ohm*m	IEC 60093
Surface resistivity	>1E15	Ohm	IEC 60093
Electric strength	19	kV/mm	IEC 60243-1
Other properties	Value	Unit	Test Standard
ISO Data			
Density	1410	kg/m ³	ISO 1183
Characteristics			
Features			
Copolymer			