



DURACON® ES-5			
POM-CD5			Polyplastics
Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	49	MPa	ISO 527-1/-2
Strain at break	7.5	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	3	kJ/m ²	ISO 179/1eA
Flexural modulus (23°C)	2800	MPa	ISO 178
Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	109	°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	1	Ohm*m	IEC 60093
Surface resistivity	500	Ohm	IEC 60093
Other properties	Value	Unit	Test Standard
ISO Data			
Density	1410	kg/m ³	ISO 1183
Characteristics			
Special Characteristics		Features	
Increased electrical conductivity, Anti-static		Copolymer	