



DURACon® ES-5 POM-CD5				Polyplastics
<b>Mechanical properties</b>				
ISO Data	Value	Unit	Test Standard	
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 <sup>2</sup>	ISO 179/1eA	
Flexural modulus (23°C)	2800	MPa	ISO 178	
<b>Thermal properties</b>				
ISO Data	Value	Unit	Test Standard	
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	-	-	
<b>Electrical properties</b>				
ISO Data	Value	Unit	Test Standard	
Volume resistivity	1	Ohm*m	IEC 60093	
Surface resistivity	500	Ohm	IEC 60093	
<b>Other properties</b>				
ISO Data	Value	Unit	Test Standard	
Density	1410	kg/m <sup>3</sup>	ISO 1183	
<b>Characteristics</b>				
<b>Special Characteristics</b>		<b>Features</b>		
Increased electrical conductivity, Anti-static		Copolymer		