



DURACON® SW-01 (POM+PE)-X10				Polyplastics
Mechanical properties	Value	Unit	Test Standard	
ISO Data				
Tensile Modulus	2700	MPa	ISO 527-1/-2	
Tensile Strength	50	MPa	ISO 527-1/-2	
Nominal strain at break	20	%	ISO 527-1/-2	
Charpy notched impact strength (+23°C)	5.4	kJ/m²	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)	80	°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	
Electric strength	18	kV/mm	IEC 60243-1	
Other properties	Value	Unit	Test Standard	
ISO Data				
Density	1420	kg/m³	ISO 1183	
Characteristics				
Additives		Features		
Lubricants		Low Coefficient of Friction, Copolymer		