



DURACON® AW-01 (POM+PE)				Polyplastics
Mechanical properties	Value	Unit	Test Standard	
ISO Data				
Tensile Modulus	2350	MPa	ISO 527-1/-2	
Tensile Strength	54	MPa	ISO 527-1/-2	
Nominal strain at break	25	%	ISO 527-1/-2	
Charpy notched impact strength (+23°C)	5.7	kJ/m²	ISO 179/1eA	
Flexural modulus (23°C)	2200	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	130	E-6/K	ISO 11359-1/-2	
Coeff. of linear therm. expansion, normal	130	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	3E14	Ohm	IEC 60093	
Electric strength	20	kV/mm	IEC 60243-1	
Other properties	Value	Unit	Test Standard	
ISO Data				
Density	1370	kg/m³	ISO 1183	
Characteristics				
Additives		Applications		
Lubricants		General Purpose		
Features				
Copolymer				