


DURACON® GB-25R

POM-GB25

Polyplastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4450	MPa	ISO 527-1/-2
Tensile Strength	59	MPa	ISO 527-1/-2
Strain at break	10	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	3.4	kJ/m²	ISO 179/1eA
Flexural modulus (23°C)	3600	MPa	ISO 178
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	110	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	90	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	90	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
UL recognition	UL	-	-
Electrical properties			
ISO Data			
Volume resistivity	>1E13	Ohm*m	IEC 60093
Surface resistivity	>1E15	Ohm	IEC 60093
Electric strength	21	kV/mm	IEC 60243-1
Other properties			
ISO Data			
Density	1590	kg/m³	ISO 1183

Characteristics
Features

Low Warpage, Copolymer