

TOPAS® 6013EC-01

Cyclic Olefin Copolymer

Polyplastics Co., Ltd.

Message:

Special grade, Toughness, Non-transparent, For high frequency

General Information			
Features	Copolymer		
	Good Toughness		
UL File Number	E319140		
Part Marking Code (ISO 11469)	>COC<		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	36.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	30	%	ISO 527-2/1A/5
Flexural Modulus	1800	MPa	ISO 178
Flexural Stress	62.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	36	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	130	°C	ISO 75-2/B
Electrical	Nominal Value		Test Method
Relative Permittivity (1.00 GHz)	2.27		IEC 60250
Dissipation Factor (1.00 GHz)	6.0E-4		IEC 60250
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

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