

**Durabio™ D7340-810**

PC

Mitsubishi Chemical Performance Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	8	cm <sup>3</sup> /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2700	MPa	ISO 527
Tensile Strength	79	MPa	ISO 527
Strain at break	72	%	ISO 527
Flexural modulus, 23°C	2700	MPa	ISO 178
Flexural strength	116	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	7	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	100	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	110	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	69	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	69	E-6/K	ISO 11359-1/-2

Optical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Luminous transmittance	92	%	ISO 13468-1, -2

Other properties	Value	Unit	Test Standard
Density	1350	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black

**Special Characteristics**

Heat stabilized or stable to heat, Transparent

**Features**

Light Guiding

**Certifications**

Contains renewable resources

**Applications**

Automotive, Electrical and Electronical, Packaging, Sports Equipment

**Regional Availability**

North America, Europe, Asia Pacific