

DURACON® LW-02

POM

Polyplastics

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	27	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Strength	53	MPa	ISO 527
Nominal strain at break	45	%	ISO 527
Flexural modulus, 23°C	2350	MPa	ISO 178
Flexural strength	76	MPa	ISO 178
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	87	°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	120	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Yellow Card available	yes	-	-
Other properties			
Density	1400	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Features

Tribologic Grade

Chemical Resistance

Grease Resistance

Applications

General Purpose

Regional Availability

Asia Pacific