

KEPITAL® GR-30

POM

Korea Engineering Plastics Co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	20	g/10min	ISO 1133
Molding shrinkage, parallel	1.8	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Strength	48	MPa	ISO 527
Yield strain	9	%	ISO 527
Nominal strain at break	40	%	ISO 527
Flexural modulus, 23°C	2150	MPa	ISO 178
Charpy notched impact strength, +23°C	5.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Coeff. of linear therm. expansion, parallel	130	E-6/K	ISO 11359-1/-2
Electrical properties			
ISO Data			
Surface resistivity	>1E15	Ohm	IEC 62631-3-2
Other properties			
Humidity absorption	0.2	%	Sim. to ISO 62
Density	1430	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Additives

Lubricants

Features

High Coefficient of Friction

Regional Availability

North America, Europe, Asia Pacific