

**Product Texts**

Product-nomenclature: ISO 16396-PA 12,CF40,M1G,C14-250N

**Product Attributes**

Improved friction & wear properties, Improved impact resistance,  
Improved UV resistance (outdoor use)

**Markets**

**Electricals & Electronics**

Electrical appliances

**Industry & Consumer goods**

Housewares, Mechanical Engineering, Sports & Leisure

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Molding shrinkage, parallel	0 / *	%	ISO 294-4, 2577
<sup>[C]</sup> Molding shrinkage, normal	0.1 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	- / 24000	MPa	ISO 527
<sup>[C]</sup> Stress at break	- / 260	MPa	ISO 527
<sup>[C]</sup> Strain at break	- / 1.6	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	- / 75	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy impact strength, -30°C	- / 75	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	- / 30	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Charpy notched impact strength, -30°C	- / 30	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	178 / *	°C	ISO 11357-1/-3
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	170 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Temp. of deflection under load, 8.00 MPa	165 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Coeff. of linear therm. expansion, parallel	5 / *	E-6/K	ISO 11359-1/-2
<sup>[C]</sup> Coeff. of linear therm. expansion, normal	30 / *	E-6/K	ISO 11359-1/-2
<sup>[C]</sup> Burning Behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Water absorption	1 / *	%	Sim. to ISO 62
<sup>[C]</sup> Humidity absorption	0.5 / *	%	Sim. to ISO 62
<sup>[C]</sup> Density	1220 / -	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics**

**Special Characteristics**

Increased electrical conductivity, High impact or impact modified, U.V. stabilized or stable to weather

**Features**

Tribologic Grade

**Applications**

Electrical and Electronical, Sports Equipment

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa