

**NIFORM 130**

POM

Soredi S.p.a.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	13	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.0265	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
Value	Unit	Test Standard	
<b>ASTM Data</b>			
Tensile Strength at Yield	63	MPa	ASTM D 638
Flexural Modulus	2600	MPa	ASTM D 790
Flexural Strength	85	MPa	ASTM D 790
Izod Impact notched, 1/8 in	67.3	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	48	J/m	ASTM D 256
Temperature	-20	°C	-
<b>Thermal properties</b>			
Value	Unit	Test Standard	
<b>ISO Data</b>			
Coeff. of linear therm. expansion, normal	110	E-6/K	ISO 11359-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	115	°C	ASTM D 648
Vicat Temperature	150	°C	ASTM D 1525
<b>Electrical properties</b>			
Value	Unit	Test Standard	
<b>ISO Data</b>			
Relative permittivity, 1MHz	3.7	-	IEC 62631-2-1
Dissipation factor, 1MHz	200	E-4	IEC 62631-2-1
Volume resistivity	1E12	Ohm*m	IEC 62631-3-1
Surface resistivity	1E15	Ohm	IEC 62631-3-2
Electric strength	19	kV/mm	IEC 60243-1
<b>Other properties</b>			
Value	Unit	Test Standard	
Humidity absorption	0.4	%	Sim. to ISO 62
Density	1410	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Features**

Copolymer

**Applications**

General Purpose

**Regional Availability**

Europe