

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	40 / *	cm <sup>3</sup> /10min	ISO 1133
Temperature	275 / *	°C	-
Load	5 / *	kg	-
Molding shrinkage, parallel	0.3 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5 / *	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	9500 / 7500	MPa	ISO 527
Tensile Strength	190 / 130	MPa	ISO 527
Strain at break	3 / 5	%	ISO 527
Flexural modulus, 23°C	9000 / 6500	MPa	ISO 178
Flexural strength	280 / 160	MPa	ISO 178
Charpy impact strength, +23°C	80 / 100	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	10 / 25	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	260 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	250 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	250 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.5 / *	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Comparative tracking index	600 / -	-	IEC 60112
<b>Other Standards<sup>S1</sup></b>			
Volume resistivity	1E13 / 1E10	Ohm*m	IEC 60093
Surface resistivity	* / 1E11	Ohm	IEC 60093
S: These properties are reported by the producer according standards that are different to our defaults.			
<b>Other properties</b>			
Water absorption	6 / *	%	Sim. to ISO 62
Humidity absorption	1.9 / *	%	Sim. to ISO 62
Density	1350 / -	kg/m <sup>3</sup>	ISO 1183
<b>Material specific properties</b>			
<b>ISO Data</b>			
Viscosity number	150 / *	cm <sup>3</sup> /g	ISO 307, 1157, 1628
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<80	°C	-
Pre-drying - Time	3 - 6	h	-
Melt temperature	270 - 300	°C	-
Mold temperature	60 - 90	°C	-

## Characteristics

### Processing

Injection Molding

### Applications

Electrical and Electronical

## Promyde® A30 P2 G30

PA66-GF30

Nurel S.A.

### Special Characteristics

Heat stabilized or stable to heat

### Regional Availability

Europe

### Features

Thermal Stability