

**Promyde® B300 HF**

PA6

Nurel S.A.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt volume-flow rate, MVR	<b>350</b>	cm <sup>3</sup> /10min	ISO 1133
Temperature	<b>275</b>	°C	-
Load	<b>5</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>3000</b>	MPa	ISO 527
Tensile Strength	<b>82</b>	MPa	ISO 527
Yield strain	<b>4.3</b>	%	ISO 527
Strain at break	<b>20</b>	%	ISO 527
Flexural modulus, 23°C	<b>2800</b>	MPa	ISO 178
Flexural strength	<b>115</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>5.5</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>223</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>65</b>	°C	ISO 75-1/-2
<b>Other properties</b>			
Density	<b>1120</b>	kg/m <sup>3</sup>	ISO 1183
Moisture Content	<b>0.1</b>	%	-

**Characteristics****Delivery form**

Natural Color

**Regional Availability**

Europe