

**Ubesta 3035 U**

PA12

UBE

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>2</b>	g/10min	ISO 1133
Temperature	<b>235</b>	°C	-
Load	<b>2.16</b>	kg	-
Molding shrinkage, parallel	<b>0.7</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>1.4</b>	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	<b>47</b>	MPa	ISO 527
Yield strain	<b>4</b>	%	ISO 527
Strain at break	<b>&gt;50</b>	%	ISO 527
Flexural modulus, 23°C	<b>1400</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>30</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Shore D hardness	<b>77</b>	-	ISO 7619-1
Rockwell hardness	<b>R 105</b>	-	ISO 2039-2
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>178</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>49</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>85</b>	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	<b>130</b>	E-6/K	ISO 11359-1/-2
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	<b>1E13</b>	Ohm*m	IEC 62631-3-1
<b>Other properties</b>			
Density	<b>1020</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Other Extrusion

**Delivery form**

Natural Color

**Special Characteristics**

Heat stabilized or stable to heat

**Regional Availability**

Europe