

**RIABLEND H 310 GF20 ST natur**

(PA6+ABS)-GF20

RIA-Polymers GmbH

<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>8.2</b>	cm <sup>3</sup> /10min	ISO 1133
Temperature	<b>240</b>	°C	-
Load	<b>10</b>	kg	-
Molding shrinkage, parallel	<b>0.2</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>0.3</b>	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>6600</b>	MPa	ISO 527
Stress at break	<b>116</b>	MPa	ISO 527
Strain at break	<b>3.8</b>	%	ISO 527
Charpy impact strength, +23°C	<b>48</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	<b>40</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>8.3</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	<b>6.1</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>134</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>200</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>139</b>	°C	ISO 306
Burning behav. at thickness h	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>0.8</b>	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	<b>1E11</b>	Ohm*m	IEC 62631-3-1
Surface resistivity	<b>1E14</b>	Ohm	IEC 62631-3-2
Comparative tracking index	<b>450</b>	-	IEC 60112
<b>Other properties</b>			
Humidity absorption	<b>1.6</b>	%	Sim. to ISO 62
Density	<b>1200</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Features**

Amorphous

**Delivery form**

Natural Color

**Regional Availability**

Europe