

**Product Texts**

Compounded formulation containing ABS with 20% FibraQ mixed via a Twinscrew extruder. The granulate also include 2% coupling agent.

FibraQ is Biofiber Tech´s product, consisting of surface-modified wood fibers with enhanced hydrophobicity, low moisture absorption and high flowability within polymer matrices.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>0.9</b>	g/10min	ISO 1133
Temperature	<b>190</b>	°C	-
Load	<b>5</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>3720</b>	MPa	ISO 527
Stress at break	<b>54.5</b>	MPa	ISO 527
Strain at break	<b>2.2</b>	%	ISO 527

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1090</b>	kg/m <sup>3</sup>	ISO 1183
Biobased content	<b>20</b>	%	-

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Melt temperature	<b>190 - 210</b>	°C	-

**Characteristics**

**Processing**

Injection Molding

**Delivery form**

Pellets

**Certifications**

Contains renewable resources

**Regional Availability**

Europe