

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.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	3.51	g/10min	ISO 1133
Temperature	190	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3200	MPa	ISO 527
Stress at break	43.4	MPa	ISO 527
Strain at break	2.1	%	ISO 527

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

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	190 - 210	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Certifications

Contains renewable resources

Regional Availability

Europe