

ARBOBLEND® 2804 X

Biopolymer

TECNARO GmbH

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	3	cm ³ /10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	1.0	%	Company Standard

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2400	MPa	ISO 527
Tensile Strength	27	MPa	ISO 527
Stress at Break	26	MPa	ISO 527
Strain at Break	5	%	ISO 527
Impact Strength (Charpy), +23°C	16	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	3	kJ/m ²	ISO 179/1eA

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	89	°C	ISO 75-1/-2

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1030	kg/m ³	Company Standard

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Brown

Certifications

Contains renewable resources, Food approval, Food approval 1935/2004/EC, Food approval 10/2011

Disclaimer

Liability Exclusion

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