

ARBOBLEND® 885 D

Biopolymer

TECNARO GmbH

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	20	cm ³ /10min	ISO 1133
Temperature	260	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	1.2	%	Company Standard
Molding shrinkage, normal	0.8	%	Company Standard

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3000	MPa	ISO 527
Tensile Strength	56	MPa	ISO 527
Yield stress	56	MPa	ISO 527
Yield strain	10	%	ISO 527
Stress at Break	34	MPa	ISO 527
Strain at Break	28	%	ISO 527
Impact Strength (Charpy), +23°C	92	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	3	kJ/m ²	ISO 179/1eA
Shore Hardness A (15s)	96	-	ISO 868
Shore Hardness D (15s)	73	-	ISO 868

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	153	°C	ISO 75-1/-2
Vicat softening temperature A	195	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1120	kg/m ³	Company Standard

Characteristics

Processing

Injection Molding

Chemical Resistance

Solvent Resistance

Delivery form

Pellets, White

Certifications

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

Disclaimer

Liability Exclusion

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