

ARBOFORM® F45 natur LIG-L

TECNARO GmbH

Rheological properties	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	6270	MPa	ISO 527
Tensile Strength	18.2	MPa	ISO 527
Strain at Break	0.29	%	ISO 527
Impact Strength (Charpy), +23°C	2	kJ/m ²	ISO 179/1eU
Ball Indentation Hardness	122	MPa	ISO 2039-1

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50°C/h 50N	82.5	°C	ISO 306
Coeff. of Linear Therm. Expansion, parallel	18	E-6/K	ISO 11359-1/-2

Electrical Properties	Value	Unit	Test Standard
ISO Data			
Surface Resistivity	5E9	Ohm	IEC 62631-3-2

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1310	kg/m ³	ISO 1183

Rheological calculation properties	Value	Unit	Test Standard
ISO Data			
Thermal Conductivity of Melt	0.384	W/(m K)	-

Characteristics

Delivery form

Pellets

Certifications

Contains renewable resources, Biodegradable

Disclaimer

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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