

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