POLYshine PBT D201 FB52

PBT-X52 Polykemi AB

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	**0.7**	%	ISO 294-4, 2577
Molding shrinkage, normal	**1.0**	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	**105**	MPa	ISO 527
Strain at break	**4**	%	ISO 527
Flexural modulus, 23°C	**12300**	MPa	ISO 178
Charpy notched impact strength, +23°C	**6**	kJ/m²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	**202**	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	**215**	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	**1840**	kg/m³	ISO 1183

Characteristics

Processing
Injection Molding

Delivery form
Granules

Regional Availability
Europe, Asia Pacific