

Technical Data Sheet

Lamigamid[®] 1220

PA 12 G

Typical characteristics

- High rigidity
- Low stress
- Good dimensional stability

Typical industries

- Conveyor Technology & Automation
- Mechanical Engineering Industry
- Renewable Energies

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,02-1,03
Water absorption	DIN EN ISO 62	%	~0,7
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	~ 60
Elongation at break	DIN EN ISO 527	%	~ 20
Tensile modulus of elasticity	DIN EN ISO 527	MPa	~ 2000
Notched impact strength	DIN EN ISO 179	kJ / m ²	~ 10
Thermal properties			
Melting temperature	ISO 11357-3	°C	190-195

