

Technical Data Sheet

Lamigamid[®] 309

PA 6 G

Typical characteristics

- High impact resistance
- Self-lubricating
- Good wear resistance

Typical industries

- Mechanical Engineering Industry
- Alpine Industry

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,08-1,11
Water absorption	DIN EN ISO 62	%	~ 6,0
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	50-55
Elongation at break	DIN EN ISO 527	%	40-60
Tensile modulus of elasticity	DIN EN ISO 527	MPa	2400-3100
Notched impact strength	DIN EN ISO 179	kJ / m ²	6,5-13,5
Thermal properties			
Melting temperature	ISO 11357-3	°C	210 - 220

