

Technical Data Sheet

Lamigamid[®] 307

PA 6 G

Typical characteristics

- Good sliding properties
- Good thermal stability
- Good wear resistance

Typical industries

- Mechanical Engineering Industry
- Utility and special vehicles

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	~1,14
Water absorption	DIN EN ISO 62	%	4,6-6,2
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	55-70
Elongation at break	DIN EN ISO 527	%	50-450
Tensile modulus of elasticity	DIN EN ISO 527	MPa	2300-3400
Notched impact strength	DIN EN ISO 179	kJ / m ²	5-6
Thermal properties			
Melting temperature	ISO 11357-3	°C	220 - 225

