

Technical Data Sheet

Lamigamid[®] 319

PA 6 G

Typical characteristics

- Oil filled
- Good dry-running properties
- Good wear resistance

Typical industries

- Mechanical Engineering Industry
- Utility and special vehicles
- Building industry
- Crane and Lifting Technology
- Oil and Gas

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,12-1,14
Water absorption	DIN EN ISO 62	%	6,1-6,7
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	55-70
Elongation at break	DIN EN ISO 527	%	20-100
Tensile modulus of elasticity	DIN EN ISO 527	MPa	3000-3600
Notched impact strength	DIN EN ISO 179	kJ / m ²	5,0-12,5
Thermal properties			
Melting temperature	ISO 11357-3	°C	215 - 230

