

Technical Data Sheet

Lamigamid[®] 1207/1209

PA 12 G

Typical characteristics

- Good fatigue strength
- High impact resistance
- Self-lubricating

Typical industries

- Conveyor Technology & Automation
- Utility and special vehicles
- Rail Technology and Vehicles

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,01-1,03
Water absorption	DIN EN ISO 62	%	~0,7
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	40-45
Elongation at break	DIN EN ISO 527	%	50-70
Tensile modulus of elasticity	DIN EN ISO 527	MPa	1700-1900
Notched impact strength	DIN EN ISO 179	kJ / m ²	7-8
Thermal properties			
Melting temperature	ISO 11357-3	°C	190-200

