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

ri-inquiry@roechling.com • www.roechling.com/industrial/materials

Print: 13/06/2026 • Release: 20/09/2023 • Version: 1.0
PIM-ID: 709649 • PIM-Code: 31-14-13.18.10-11.9.11-12
Company-IDs: 20220