

## Technical Data Sheet

# Lamigamid<sup>®</sup> 1200

PA 12 G

### Typical characteristics

- High impact strength even at low temperatures
- Good wear resistance
- Hydrolysis resistant
- Chemical resistant

### Typical industries

- Conveyor Technology & Automation
- Mechanical Engineering Industry
- Crane and Lifting Technology
- Elevators and Escalators

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1,02-1,03
Water absorption	DIN EN ISO 62	%	0,7-0,8
<b>Mechanical properties</b>			
Yield stress	DIN EN ISO 527	MPa	50-55
Elongation at break	DIN EN ISO 527	%	40-55
Tensile modulus of elasticity	DIN EN ISO 527	MPa	1900-2100
Notched impact strength	DIN EN ISO 179	kJ / m <sup>2</sup>	10-14
<b>Thermal properties</b>			
Melting temperature	ISO 11357-3	°C	185-195

