

### Technical Data Sheet

# Lamigamid<sup>®</sup> 300

PA 6 G

#### Typical characteristics

- High impact resistance
- Vibration damping
- Low moisture absorption

#### Typical industries

- Mechanical Engineering Industry
- Utility and special vehicles
- Renewable Energies
- Crane and Lifting Technology

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1,07-1,14
Water absorption	DIN EN ISO 62	%	5,4-5,9
<b>Mechanical properties</b>			
Yield stress	DIN EN ISO 527	MPa	50-85
Elongation at break	DIN EN ISO 527	%	22-375
Tensile modulus of elasticity	DIN EN ISO 527	MPa	2000-4000
Notched impact strength	DIN EN ISO 179	kJ / m <sup>2</sup>	4,5-21,5
<b>Thermal properties</b>			
Melting temperature	ISO 11357-3	°C	180-230

