

### Technical Data Sheet

## Lamigamid<sup>®</sup> 450N

PA 6 G

#### Typical characteristics

- Good toughness
- Heat resistant
- Good damping capacity

#### Typical industries

- Utility and special vehicles
- Renewable Energies
- Building industry
- Water & Harbor Construction

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	~1,15
Water absorption	DIN EN ISO 62	%	~4,8
<b>Mechanical properties</b>			
Elongation at break	DIN EN ISO 527	%	30-170
Tensile modulus of elasticity	DIN EN ISO 527	MPa	1500-2300
Notched impact strength	DIN EN ISO 179	kJ / m <sup>2</sup>	7,5-16
<b>Thermal properties</b>			
Melting temperature	ISO 11357-3	°C	220 - 225

