

### Technical Data Sheet

## Lamigamid<sup>®</sup> 400B

PA 6 G

#### Typical characteristics

- Good toughness
- Permits high loading pressure
- Good damping capacity

#### Typical industries

- Crane and Lifting Technology

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1,11-1,14
Water absorption	DIN EN ISO 62	%	~ 6,0
<b>Mechanical properties</b>			
Yield stress	DIN EN ISO 527	MPa	45-85
Elongation at break	DIN EN ISO 527	%	~ 100
Tensile modulus of elasticity	DIN EN ISO 527	MPa	2400-2900
Notched impact strength	DIN EN ISO 179	kJ / m <sup>2</sup>	12-21
<b>Thermal properties</b>			
Melting temperature	ISO 11357-3	°C	220 - 230

