

### Technical Data Sheet

## Lamigamid<sup>®</sup> 312 blue

PA 6 G

#### Typical characteristics

- Good toughness
- Good wear resistance
- Good sliding properties

#### Typical industries

- Food Industry

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1,13-1,17
Water absorption	DIN EN ISO 62	%	6,1-7,1
<b>Mechanical properties</b>			
Yield stress	DIN EN ISO 527	MPa	70-90
Elongation at break	DIN EN ISO 527	%	20-60
Tensile modulus of elasticity	DIN EN ISO 527	MPa	3000 - 4200
Notched impact strength	DIN EN ISO 179	kJ / m <sup>2</sup>	2,5-6,5
<b>Thermal properties</b>			
Melting temperature	ISO 11357-3	°C	220 - 235

