

Technical Data Sheet

Lamigamid[®] 317

PA 6 G

Typical characteristics

- High impact resistance
- Good thermal stability
- Good wear resistance

Typical industries

- Mechanical Engineering Industry
- Heavy-Duty Truck Products

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,14-1,17
Water absorption	DIN EN ISO 62	%	~ 6,2
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	75-85
Elongation at break	DIN EN ISO 527	%	15-45
Tensile modulus of elasticity	DIN EN ISO 527	MPa	~ 4000
Notched impact strength	DIN EN ISO 179	kJ / m ²	~ 3,3
Thermal properties			
Melting temperature	ISO 11357-3	°C	220-230

