

Technical Data Sheet

Lamigamid[®] 312

PA 6 G

Typical characteristics

- Good toughness
- Good wear resistance
- Good sliding properties

Typical industries

- Food Industry

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,13-1,17
Water absorption	DIN EN ISO 62	%	6,1-7,1
Mechanical properties			
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 ²	2,5-6,5
Thermal properties			
Melting temperature	ISO 11357-3	°C	220 - 235

