

Technical Data Sheet

Lamigamid[®] 314

PA 6 G

Typical characteristics

- Good machinability
- Good fatigue strength
- Filled with solid lubricant

Typical industries

- Mechanical Engineering Industry
- Crane and Lifting Technology

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,14-1,16
Water absorption	DIN EN ISO 62	%	6,1-6,4
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	70-85
Elongation at break	DIN EN ISO 527	%	20-70
Tensile modulus of elasticity	DIN EN ISO 527	MPa	3400-4100
Notched impact strength	DIN EN ISO 179	kJ / m ²	4,0-10,5
Thermal properties			
Melting temperature	ISO 11357-3	°C	220-230

