

Technical Data Sheet

Optamid[®]

PA 6

Typical characteristics

- Good toughness
- Good wear resistance
- Good dimensional stability

Typical industries

- Building industry
- Elevators and Escalators

	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	75-90
Elongation at break	DIN EN ISO 527	%	20-40
Tensile modulus of elasticity	DIN EN ISO 527	MPa	3300 - 4000
Notched impact strength	DIN EN ISO 179	kJ / m ²	3,5-6,0
Thermal properties			
Melting temperature	ISO 11357-3	°C	220 - 230

