

Technical Data Sheet

Lamigamid[®] 304

PA 6 G

Typical characteristics

- Good sliding properties
- Insensitive to shock and vibration
- Good wear resistance

Typical industries

- Mechanical Engineering Industry
- Utility and special vehicles
- Alpine Industry

| | Test method | Unit | Guideline value |
|-------------------------------|-------------------|---------------------|-----------------|
| General properties | | | |
| Density | DIN EN ISO 1183-1 | g / cm ³ | 1,13-1,14 |
| Water absorption | DIN EN ISO 62 | % | 6,1-6,4 |
| Mechanical properties | | | |
| Yield stress | DIN EN ISO 527 | MPa | 45-75 |
| Elongation at break | DIN EN ISO 527 | % | 50-315 |
| Tensile modulus of elasticity | DIN EN ISO 527 | MPa | 1800-3300 |
| Notched impact strength | DIN EN ISO 179 | kJ / m ² | 5-15 |
| Thermal properties | | | |
| Melting temperature | ISO 11357-3 | °C | 205-225 |

