

Technical Data Sheet

Ronfalin N25 GRY6-2716



Acrylonitrile Butadiene Styrene + PA

Product Description

PA6/ABS alloy with very high impact strength with excellent flow to enable reproducibility of the mould tool surface.

| Typical Properties | Nominal Value | Units | Test Method |
|---------------------------------------------------------|---------------|-------------------|-------------|
| Physical | | | |
| Melt Flow Rate | | | |
| (240 °C/10.0 kg) | 30 | g/10 min | ISO 1133 |
| (240 °C/5.0 kg) | 10 | g/10 min | ISO 1133 |
| Density | 1.07 | g/cm ³ | ISO 1183 |
| Mechanical | | | |
| Tensile Stress at Yield | 42 | MPa | ISO 527-2 |
| Tensile Strain at Break | >50 | % | ISO 527-2 |
| Flexural Modulus | 1700 | MPa | ISO 178 |
| Tensile Stress at Break | 36 | MPa | ISO 527-2 |
| Impact | | | |
| Charpy Impact Strength - Notched | | | |
| (23 °C) | 60 | kJ/m ² | ISO 179 |
| (-20 °C) | 15 | kJ/m ² | ISO 179 |
| Charpy Impact Strength - Unnotched, (23 °C) | No Break | | ISO 179 |
| Thermal | | | |
| Vicat Softening Temperature, (B (50N), 120 °C/h) | 106 | °C | ISO 306 |
| Deflection Temperature Under Load Unannealed (0.45 MPa) | 92 | °C | ISO 75-2/B |
| Deflection Temperature Under Load Unannealed (1.80 MPa) | 70 | °C | ISO 75-2/A |
| Electrical | | | |
| Dielectric Strength | 40 | kV/mm | IEC 60243-1 |
| Comparative Tracking Index (CTI), (Solution A) | >600 | V | IEC 60112 |