

# Ravamid® R200 T51

Polyamide 6  
Ravago Group

Message:  
Impact modified PA6 compound for injection moulding

| General Information                               |                   |                   |                 |
|---------------------------------------------------|-------------------|-------------------|-----------------|
| Additive                                          | Impact Modifier   |                   |                 |
| Features                                          | Impact Modified   |                   |                 |
| Processing Method                                 | Injection Molding |                   |                 |
| Physical                                          | Nominal Value     | Unit              | Test Method     |
| Density                                           | 1.10              | g/cm <sup>3</sup> | ISO 2781        |
| Molding Shrinkage                                 |                   |                   | ISO 294-4       |
| Across Flow                                       | 1.1               | %                 |                 |
| Flow                                              | 1.1               | %                 |                 |
| Mechanical                                        | Nominal Value     | Unit              | Test Method     |
| Tensile Modulus                                   | 2300              | MPa               | ISO 527-2       |
|                                                   | 60.0              |                   |                 |
|                                                   |                   |                   |                 |
| Tensile Stress (Yield)                            | 62.0              | MPa               | ISO 527-2       |
| Tensile Strain                                    |                   |                   | ISO 527-2       |
| Yield                                             | 4.0               | %                 |                 |
| Break                                             | > 50              | %                 |                 |
| Impact                                            | Nominal Value     | Unit              | Test Method     |
| Notched Izod Impact Strength                      | 15                | kJ/m <sup>2</sup> | ISO 180/1A      |
| Thermal                                           | Nominal Value     | Unit              | Test Method     |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 60.0              | °C                | ISO 75-2/A      |
| Vicat Softening Temperature                       | 178               | °C                | ISO 306/B50     |
| Melting Temperature                               | 215 to 220        | °C                |                 |
| Flammability                                      | Nominal Value     |                   | Test Method     |
| Flame Rating <sup>1</sup> (1.60 mm)               | HB                |                   | Internal Method |
| NOTE                                              |                   |                   |                 |

1. UL94 internally tested

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