

# INEOS PP 100-GA01

Polypropylene Homopolymer  
INEOS Olefins & Polymers Europe

Message:

- 100-GA01 features low melt flow index, high stiffness and good thermal stability.
- Benefits & Features
- Low melt flow index
  - High stiffness
  - Good thermal stability
- Applications
- Strapping
  - Hollow containers

| General Information                                |                        |          |             |
|----------------------------------------------------|------------------------|----------|-------------|
| Features                                           | Good Thermal Stability |          |             |
|                                                    | High Stiffness         |          |             |
|                                                    | Homopolymer            |          |             |
|                                                    | Low Flow               |          |             |
| Uses                                               | Containers             |          |             |
|                                                    | Strapping              |          |             |
| RoHS Compliance                                    | Contact Manufacturer   |          |             |
| Forms                                              | Pellets                |          |             |
| Physical                                           | Nominal Value          | Unit     | Test Method |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)          | 0.90                   | g/10 min | ISO 1133    |
| Mechanical                                         | Nominal Value          | Unit     | Test Method |
| Tensile Stress (Yield, 23°C)                       | 36.0                   | MPa      | ISO 527-2   |
| Flexural Modulus (23°C)                            | 1550                   | MPa      | ISO 178     |
| Impact                                             | Nominal Value          | Unit     | Test Method |
| Notched Izod Impact Strength (23°C)                | 4.5                    | kJ/m²    | ISO 180/A   |
| Thermal                                            | Nominal Value          | Unit     | Test Method |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 98.0                   | °C       | ISO 75-2/B  |
| Vicat Softening Temperature                        | 158                    | °C       | ISO 306/A50 |
| Peak Melting Temperature                           | 163                    | °C       | ASTM D3418  |

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