# MAJ'ECO PH307L

Polypropylene

AD majoris

## Message:

MAJ'ECO PH307L is a high performance vegetal fibre reinforced polypropylene compound intended for injection moulding.
MAJ'ECO PH307L has been developed especially for demanding applications in various engineering sectors.
MAJ'ECO PH307L is UV stabilised.
APPLICATIONS
Product such as:
Boxes
Racks
Technical components

| General Information | | | |
|---|---|---|---|
| Filler / Reinforcement | Natural fiber reinforced material | | |
| Additive | UV stabilizer | | |
| Features | Good UV resistance<br>Updatable resources<br>Recyclable materials | | |
| Uses | Bracket | | |
| Forms | Particle | | |
| Processing Method | Injection molding | | |
| **Physical** | **Nominal Value** | **Unit** | **Test Method** |
| Density | 1.00 | g/cm³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 2.0 | g/10 min | ISO 1133 |
| **Mechanical** | **Nominal Value** | **Unit** | **Test Method** |
| Tensile Modulus | 4900 | MPa | ISO 527-2/1 |
| Tensile Stress (Yield) | 91.0 | MPa | ISO 527-2/50 |
| Flexural Modulus [1] | 4500 | MPa | ISO 178 |
| Flexural Stress [2] | 126 | MPa | ISO 178 |
| **Impact** | **Nominal Value** | **Unit** | **Test Method** |
| Charpy Notched Impact Strength (23°C) | 13 | kJ/m² | ISO 179/1eA |
| Charpy Unnotched Impact Strength (23°C) | 31 | kJ/m² | ISO 179/1eU |
| **Flammability** | **Nominal Value** | | **Test Method** |
| Flame Rating | HB | | UL 94 |
| **Injection** | **Nominal Value** | **Unit** | |
| Drying Temperature | 100 | °C | |
| Drying Time | 4.0 | hr | |
| Processing (Melt) Temp | 150 - 190 | °C | |
| Mold Temperature | 30.0 - 50.0 | °C | |
| Injection Rate | Slow-Moderate | | |

| Injection instructions | |
|---|---|
| Holding pressure: 50 to 70% of the injection pressure | |
| NOTE | |
| 1. | 2.0 mm/min |
| 2. | at Yield |



## Recommended distributors for this material

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WECHAT