# MAJ'ECO DP367HGA

Polypropylene Copolymer

AD majoris

## Message:

MPAJ'ECO DP367HGA is a vegetal fibre reinforced polypropylene compound intended for injection moulding.
MPAJ'ECO DP367HGA has been developed especially for demanding applications in various engineering sectors.
MPAJ'ECO DP367HGA is UV stabilised.
APPLICATIONS
Product such as:
Boxes
Racks
Technical components

| General Information | | | |
|---|---|---|---|
| Filler / Reinforcement | Natural fiber reinforced material | | |
| Additive | UV stabilizer | | |
| Features | Copolymer<br>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) | 10 | g/10 min | ISO 1133 |
| Molding Shrinkage (2.00 mm) | 1.1 - 1.3 | % | Internal method |
| **Mechanical** | **Nominal Value** | **Unit** | **Test Method** |
| Tensile Modulus | 2520 | MPa | ISO 527-2/1 |
| Tensile Stress (Yield) | 28.0 | MPa | ISO 527-2/50 |
| **Impact** | **Nominal Value** | **Unit** | **Test Method** |
| Charpy Notched Impact Strength (23°C) | 5.3 | kJ/m² | ISO 179/1eA |
| Charpy Unnotched Impact Strength (23°C) | 12 | 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 | Moderate | | |

## Injection instructions

Holding pressure: 50 to 70% of the injection pressure



## Recommended distributors for this material

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