

TECHNICAL DATA SHEET

PLATAMID® HX 2592 PELLET

COPOLYAMIDE PELLET

PLATAMID® HX 2592 PELLET is a thermoplastic copolyamide hot melt adhesive. It is manufactured from a renewable and sustainable source (castor oil). This low to medium melt viscosity grade is particularly suitable for manufacturing of webs, nets, mono- and multi-filaments, and films by extrusion. It exhibits strong adhesion onto:

- rigid and plasticized PVC as well as ABS, epoxy resin, PU, etc.
- various polar substrates (thermoplastics, thermosets, metal, natural fibers, etc.)

Dense layers of PLATAMID® HX 2592 PELLET are known to have barrier properties against PVC plasticizer migration.

This product is available:

- dried (HX 2592 T)
- undried (HX 2592 F)

DESIGNATION

PA*

MAIN APPLICATIONS

- Footwear - Upper
- Internal Components
- Adhesives - Automotive Interior

DELIVERY FORM

- Pellets

RHEOLOGICAL PROPERTIES

| プロパティ | 価値 | テスト基準 |
|--|---------------------------|----------|
| Melt volume flow rate (MVR), 160°C / 2.16kg (320°F / 4.4 lb) | 24 cm ³ /10min | ISO 1133 |

THERMAL PROPERTIES

| プロパティ | 価値 | テスト基準 |
|-------------------------------|--------|----------------|
| Melting temperature, 10°C/min | 106 °C | ISO 11357-1/-3 |

OTHER PROPERTIES

| プロパティ | 価値 | テスト基準 |
|------------------------------------|------------------------|------------|
| Bio-based carbon content, Measured | 82 % | ASTM D6866 |
| Specific gravity, 23°C (73°F) | 1.09 g/cm ³ | ISO 1183-1 |

包装

This grade is delivered dried in sealed packaging ready to be processed. Available packaging:

- 25 kg / 55 lb bags
- 500 kg big bag

賞味期限

Two years from the date of delivery, when stored properly (sealed bags, appropriate moisture, UV protection and temperature). For any use above this limit, please refer to our technical services.

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SPECIAL CHARACTERISTICS

- Bio-based
- Versatile adhesion

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