

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)

TYPE

PA*

MAIN APPLICATIONS

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

DELIVERY FORM

- Pellets

RHEOLOGICAL PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Melt volume flow rate (MVR), 160°C / 2.16 kg (320°F / 4.4 lb)	24	cm ³ /10min	ISO 1133

THERMAL PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Melting temperature, 10°C/min	106	°C	ISO 11357-1/-3

OTHER PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Bio-based carbon content, Measured	82	%	ASTM D6866
Specific gravity, 23°C (73°F)	1.09	g/cm ³	ISO 1183-1

PACKAGING

Available packaging:

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

SHELF LIFE

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.

SPECIAL CHARACTERISTICS

- Bio-based
- Versatile adhesion