

## TECHNICAL DATA SHEET

# PLATAMID® H 2707 PELLET

## COPOLYAMIDE PELLET

PLATAMID® H 2707 PELLET is a thermoplastic copolyamide hot melt adhesive. It is partially manufactured from a renewable and sustainable source (castor oil). This medium to high melt viscosity grade is particularly suitable for manufacturing of webs, mono- and multi-filaments, and films by extrusion. It offers a good adhesion at low fusing conditions to various polar substrates (thermoplastics, thermosets, metal, natural fibers, etc.). This grade is available dried (H 2707 T).

### DESIGNATION

PA\*

### MAIN APPLICATIONS

- Yarn - Others

### DELIVERY FORM

- Pellets

### TRANSFORMATION PROCESSES

- Melt Spinning

## RHEOLOGICAL PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
Melt volume flow rate (MVR), 160°C / 2.16kg (320°F / 4.4 lb)	2 cm <sup>3</sup> /10min	ISO 1133

## THERMAL PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
Melting temperature, 10°C/min	102 °C	ISO 11357-1/-3

## OTHER PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
Bio-based carbon content, Measured	20 %	ASTM D6866
Specific gravity, 23°C (73°F)	1.06 g/cm <sup>3</sup>	ISO 1183-1

## PACKAGING

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

- 25 kg / 55 lb bags

## 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

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