

# PLATAMID®

## 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 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).

### TYPE

PA\*

### MAIN APPLICATIONS

- Yarn - Others

### DELIVERY FORM

- Pellets

### TRANSFORMATION PROCESSES

- Melt Spinning

## RHEOLOGICAL PROPERTIES

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

## THERMAL PROPERTIES

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

## OTHER PROPERTIES

| PROPERTIES                         | VALUE | UNIT              | 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

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