

## TECHNICAL DATA SHEET

# PLATAMID® M 1276 POWDER

## COPOLYAMIDE POWDER

PLATAMID® M 1276 POWDER is a thermoplastic copolyamide hot melt adhesive. It is partially manufactured from a renewable and sustainable source (castor oil). This medium melt viscosity grade is particularly suitable for manufacturing of fusible interlinings. It has an excellent dry cleaning resistance and washing resistance up to 40°C and 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.)

This product is available in different grain sizes:

- PA80 (0-80 µm paste dot)
- PA 300/80 (80-300 µm scatter)
- PRA 170 (0-170 µm double dot)

### DESIGNATION

PA\*

### MAIN APPLICATIONS

- Adhesives - Apparel/Interlining
- Coating Additives - Adhesive And Sealant
- Coatings
- Graphic Arts Additives -Transfer Paper
- Inks

### DELIVERY FORM

- Powder

### TRANSFORMATION PROCESSES

- Scattering, paste, double dot

## RHEOLOGICAL PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
Melt volume flow rate (MVR), 160°C / 2.16kg (320°F / 4.4 lb)	6 cm <sup>3</sup> /10min	ISO 1133

## THERMAL PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
Melting temperature, 10°C/min	110 °C	ISO 11357-1/-3

## OTHER PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
Bio-based carbon content, Measured	26 %	ASTM D6866

## PACKAGING

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

- 20 kg / 44 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
- Versatile adhesion

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