

TECHNICAL DATA SHEET

PLATAMID® HX 2507 PELLET

PLATAMID® HX 2507 PELLET is a thermoplastic copolyamide hot melt adhesive. This alcohol soluble copolyamides is particularly well suited for coating solutions. It offers good film forming properties, excellent abrasion resistance and good adhesion to both metallic and non-metallic surfaces. The main feature of this product is the ability to form stable solutions after dissolving in lower aliphatic alcohols, such as:

- Methanol
- Ethanol
- Propanol / Isopropanol
- Butanol / Isobutanol
- or mixtures of these

as well as in higher boiling alcohols, such as:

- Benzyl alcohol
- Cyclohexanol

Aromatic hydrocarbons, like xylene, or Solvesso®, can be added at concentrations up to 20 to 30 parts by weight. These hydrocarbons do not interfere with dissolution, and improve storage stability. Solubility in conventional lacquer solvents such as ketones, esters or ethers is negligible. All PLATAMID® grades are compatible in solution. This allows blending to achieve special effects.

This grade is available undried (HX 2507 F).

TYPE

PA*

MAIN APPLICATIONS

- Internal Components

DELIVERY FORM

- Pellets

RHEOLOGICAL PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Melt volume flow rate (MVR), 190°C / 2.16 kg (374°F / 4.4 lb)	0.6	cm ³ /10min	ISO 1133

THERMAL PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Glass transition temperature, 10°C/min	115	°C	ISO 11357-1/-2
Melting temperature, 10°C/min	155	°C	ISO 11357-1/-3

OTHER PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Water absorption, 23°C (73°F), immersion, equilibrium	4.5	%	ISO 62
Specific gravity, 23°C (73°F)	0.99	g/cm ³	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.