

Platamid® HX 2592 Pellets

Copolyamide Hot Melt Adhesive / Extrusion Applications

Platamid® HX 2592 is a specialty thermoplastic co-polyamide hot melt adhesive available in pellet form. This low to medium melt viscosity grade is particularly suitable for manufacturing webs, nets, mono- and multi-filaments, and films by extrusion.

Platamid® HX 2592 offers a very good adhesion to various polar substrates (thermoplastics, thermosets, metal natural fibers, and more). In addition, **Platamid® HX 2592** also exhibits strong adhesion onto rigid and plasticized PVC as well as ABS, epoxy resin, PU etc. Dense layers of **Platamid® HX 2592** are known to have barrier properties against PVC plasticizer migration.

Platamid® HX 2592 is also characterized by a very high content of bio-based carbon (80%), making it a bio-based solution to difficult-to-solve bonding problems.

PROPERTIES	DRY / COND	UNIT	TEST STANDARD
RHEOLOGICAL PROPERTIES			
Melt Volume-Flow Rate	24 / *	cm ³ /10min	ISO 1133
Temperature	160 / *	°C	-
	320 / *	°F	-
Load	2.16 / *	kg	-
	4.76 / *	lb	-
THERMAL PROPERTIES			
Melting Temperature, 10°C/min	106 / *	°C	ISO 11357-1/-3
OTHER PROPERTIES			
Density	1090 / -	kg/m ³	ISO 1183
	1.09 / -	g/cm ³	
%Bio-Based	80	-	ASTM D6866

AVAILABLE GRADES

This product is available:

- Dried (HX 2592 T)
- Un-dried (HX 2592 F)

PACKAGING

- Platamid HX 2592 F is delivered in 25 kg sealed bags and in 500 kg Big Bag
- Platamid HX 2592 T is delivered in 25 kg sealed bags

These grades are ready to be processed.

SHELF LIFE

Two years from the date of delivery. For any use above this limit, please refer to our technical services.

RENEWABLE CARBON CONTENT

80% (calculated, ASTM D6866)

DELIVERY FORM Pellets	Headquarters: Arkema France 420 rue d'Estienne d'Orves 92705 Colombes Cedex France T +33 (0)1 49 00 80 80 hpp.arkema.com
SPECIAL CHARACTERISTICS Adhesive, Bio-Based	
REGIONAL AVAILABILITY North America, Europe, Asia Pacific, South and Central America, Near East/Africa	Arkema Inc. – High Performance Polymers 900 First Avenue King of Prussia, PA 19406 Tel.: +1 610 205 7000 hpp.arkema.com

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