



HOT MELT POLYAMIDE ADHESIVE - INDOMIDE™ 6136

PRODUCT IN FOCUS



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INTRODUCTION

Hot melt polyamide adhesives are 100% non-volatile, thermoplastic adhesive resins. These are heat-resistance hot melt adhesive, suitable for bonding materials hard to bond together.

These polyamide adhesives are usually composed of a dimer acid with often two or more different diamines. The dimer acid usually presents 60–80% of the total polyamide mass and provides amorphous nonpolar character. Linear aliphatic amines such as ethylene diamine and hexamethylene diamine, provide hardness and strength.

Indomide™ 6136 is a hot melt adhesive based on a co-polyamide polymer. It is characterized by a low viscosity at the application temperature, a fast-setting time and a short open time. Uniquely designed for various applications including Preformed Thermoplastic Road Markings.

Properties

- ✔ Excellent Plasticizer resistance
- ✔ Good to excellent performance at elevated temperatures
- ✔ Low application viscosity
- ✔ Good adhesion to variety of substrates (e.g., Leather, paper, non-woven, many plastics)
- ✔ Good Chemical and grease resistance compared to other adhesives chemistries

Synonyms

Polyamide Resin

CAS no.

63428-84-2

Processing

- ✔ Extrusion
- ✔ Tank Unit
- ✔ Lasting Machines
- ✔ Folding Machines
- ✔ Toe-puffs Printing Machines

Advantages

- ✔ Adhesion on different substrates
- ✔ Gripping speed
- ✔ Setting time
- ✔ Flexibility
- ✔ Solvent-free
- ✔ Reversible bonding with temperature

Applications

- ✔ Preformed Thermoplastic
- ✔ Hot-Applied Thermoplastic additive for improved durability
- ✔ Footwear
- ✔ Automotive
- ✔ Wood
- ✔ Masterbatch Carriers
- ✔ Compounding



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SPECIFICATIONS

Test	Unit	Specification
Appearance	-	Amber colored granules
Softening Point (ASTM D 3461)	°C	130.0 - 140.0
Viscosity - Brookfield at 190 °C (MI-12)	Pa.s	4.0 - 6.0*

Note: *Cone/ plate Viscometer, Model Brookfield CAP 2000+

STORAGE

Store in a cool and dry place and protected from light

PACKING

- ✔ 25 kg bags equipped with an aluminum film barrier against moisture action
- ✔ 500 kg cardboard octabins equipped with an inner PE liner
- ✔ 500 kg big bags
- ✔ 1000 kg big bags

ExSyn offers Indomide™ 6136 on commercial scales and welcomes enquiries. No matter the quantity you need, our exceptional quality and service will make ExSyn your supplier of choice! If you need any additional information or SDS, please contact us.