

Typical Analysis Datasheet

TERDH-1100

Product Description:

TERDH-1100 is white color thermoplastic resin obtained from polymerization and hydrogenation of cyclic ingredients derived monomers. This grade is mainly used in EVA/APAO based hot melt adhesives, rubber based Pressure Sensitive Adhesives owing to light color, good heat stability and compatibility with EVA, SBC, Metallocene polyolefins, APAO.

Key Characteristics:

- Good compatibility with EVA, SBC, Metallocene polyolefins, APAO
- Good heat stability
- Good initial color and low VOC
- Water resistance

Typical Properties

Property	Test method	Unit	Typical value
Softening point (Ring & Ball)	(ASTM E28)	°C	100-110
Color (50% resin solid in Toluene)	(ASTM D 1209)	HAZEN	Max50
Heat Stability (@200 °C,5hrs)	(ASTM D 1209)	HAZEN	Max150
Melt Viscosity (@160 °C)	(ASTM D 3236)	mPa.s	Max.1950
Acid value	(ASTM D 974)	mgKOH/g	Max 0.10

Application

Hot Melt Adhesives, Pressure Sensitive Adhesives, Sealants, Wax modification.

Package

25kgs net Kraft Paper bag or PP Woven Bag.

Disclaimer: All information in this publication is in accordance with our present experience and knowledge. However, since we have no influence on the way in which our products are treated and used, we cannot take any responsibility in this respect. The user must assume responsibility himself for checking whether the products are suitable for the purpose and use proposed by him. All existing proprietary rights, laws and regulations shall be observed. The information in this publication cannot be considered as a guaranty. Due to the technical conditions in the production, the above-mentioned information may vary.

Storage: All resins with a low softening point present a risk of solidifying or lump. It increases in hot weather or if stored near heat sources. Thus for softening points less or equal to 110°C, we recommend: storage in a cool (25°C max), ventilated place. Avoid exposing to direct sunlight and storage for prolonged period. Do not stack pallets and keep far away from heat sources. Since we have no influence on the storage conditions of shipped products, we cannot take responsibility in this respect.

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