

Typical Analysis Datasheet

TERBT-1200

Product Description

TER BT 1200 is thermoplastic, low molecular weight, slightly yellow aliphatic resin, obtained from petroleum-derived monomer. Characterized by light color, wide compatibility with SIS, NR and other polymers, excellent heat stability, it is used in hot melt adhesive and rubber based PSA.

Key Characteristics:

- Wide compatibility with SIS, NR and other polymers Low Molecular Weight
- Good thermal stability, Good chemical stability, Low volatility and low odor
- Water resistance

Typical Properties

Property	Test method	Unit	Typical value
Color (50% resin solid in Toluene)	(ASTM D1544)	Ga #	Max 4#
Softening point (Ring & Ball)	(ASTM E28)	°C	95-105
Melt viscosity(175°C)	(ASTM D3236)	mPa.s	Max 650
Glass Transition Temperature (Tg)	midpoint	°C	49
Acid value	(ASTM D974)	mgKOH/g	Max 0.30
Specific gravity ,@25°C	(ASTM D71)	20/20°C	0.92-0.99

Application

Hot Melt Adhesives, Sealants, PSA, Wax Modification, Asphalt Modification.

Package

25kgs net Kraft Paper bag or 500kgs/1000kgs in bulk bags.

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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.