

VENLOWAX-EBS

PRODUCT IDENTIFICATION

- **Chemical Name:** Ethylene Bis WAX
- **Physical Form:** White Powder
- **CAS Number:** 110-30-5

VENLOWAX-EBS is a wax white solid and is also found as powder or beads that is widely used as a form release agent.

SPECIFICATION

Properties	Test Methods	Units	Values
Bulk Density (25 °C)	Internal Method	gr/dm ³	0.500±0.050
Viscosity (150 °C)	ASTM D-5175	cps	40±20
Melting Range	ASTM D127-08	°C	142±5
Acidity	ASTM D-7795	mg KOH/gr	max. 7
Free EDA	-	-	max. 3

APPLICATIONS

- The compound is derived from the reaction of ethylenediamine and stearic acid. It is of low toxicity that provides a slippery coating for a variety of applications.
- VENLOWAX-EBS is a synthetic wax used as a dispersing agent or internal/external lubricant for benefits in plastic applications to facilitate and stabilize the dispersion of solid compounding materials to enhance processability, to decrease friction and abrasion of the polymer surface, and to contribute color stability and polymer degradation. It is also used in process industries as release agent and antistatic agent for the production of thermoplastics, and wiring. It is used in powder metallurgy.

PACKAGING & STORAGE

- Packaging: 1 pallet is 1000 kg.
- VENLOWAX-EBS should be stored in a manner that avoids direct exposure to sunlight and heat (T<30°C). This compound should be used within 6 months after its production date.

IMPORTANT NOTICE

Please read the Material Safety Data Sheet (MSDS) carefully before using this product.

