

Acrylic acid zinc (ZDA) Product Description

Application and effects :

The acrylic acid zinc salt is a fine white powder, with good dispersion, good liquidity and highly in reactive compounds. It also do good for polybutadiene rubber (BR), it's molecules contribute to hardening effects, fastening linking speeds. it can be used as crosslinking hardener for core of golf balls.

BR currently widely used in rubber formulations, mainly in production for two-piece golf ball core. ZDA can significantly improve the hardness and elastic bounce. It also be benefit for compressing re-bounce and not easily deformation.

SAN TECH'S ZDA with same quality level with SATOMER (USA), NIPPON SHOKUBAI (JAPAN) and KUO CHING (TAIWAN). SAN TECH'S ZDA is same with production procedures in adding materials into dispersion kneader (mixer) for the above-mentioned companies. coefficient of restitution (COR) in golf balls core is within the standard range and with more excellence in compression degree.

Sancure ZDA

Product Name: acrylic acid zinc (ZDA)

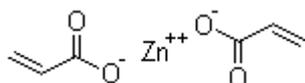
Chemical name: Zine Diacrylate

Molecular Weight: 207.50

CAS No.: 14643-87-9

Chemical formula: 2 (C₃H₃O₂). Zn

Structure:



Physical properties

Appearance: white powder

Odor: slightly sour

Particle diameter: \geq 325 Mesh

Content: 92~95% (ZDA)

Ash: 36~38%

Water content: 0.2%

Bulk density: 0.25~0.27

Melting point: 250 °C

Solubility: miscible with water

Packaging and Notes

Package: 15Kg/sealing bag

Storage: Keep in a cool place, away from moisture

Shelf life: best used within a year

MATERIALS FOR MAKING GOLF BALL CORE WHOSE CONSUMTION VOLUME AND TESTING RESULTS LISTED AS BELOW FOR REFERENCE :

	MATERIAL AND CONSUMPTION VOLUME	OTHER MANUFACTURER OF ZDA FOR CONSUMPTION VOLUME	Sancure ST-588
1	BR RUBBER~35.0Kg		
2	MATERIAL (A) ~1.8Kg		
3	MATERIAL (B) ~1.8Kg		
4	MATERIAL (C) ~7.0Kg		
5	MATERIAL (D) ~0.2Kg		
6	ZDA	8.750Kg	8.750Kg
	COMPRESSION DEGREE OF GOLF BALL CORE	80~85	85~90

Our company has equipped with production technologies in producing golf balls. And our crosslinking hardener (ZDA) had all tested by various formulas of golf ball cores. Customers can use their materials and production procedures to testing our ZDA by adding or deducting the ratio for comparison.

Precautions

1. Best storage environment below to 30 °C, away from heat, fire, water, moisture, and more than 15cm from the ground, in order to maintain the activity of this product!
2. Save for one year, please use within one year!
3. Use as soon as possible after the completion of the opening!