

CLARIFYING AGENT-DIBENZYLIDENE SORBITOL



Introduction

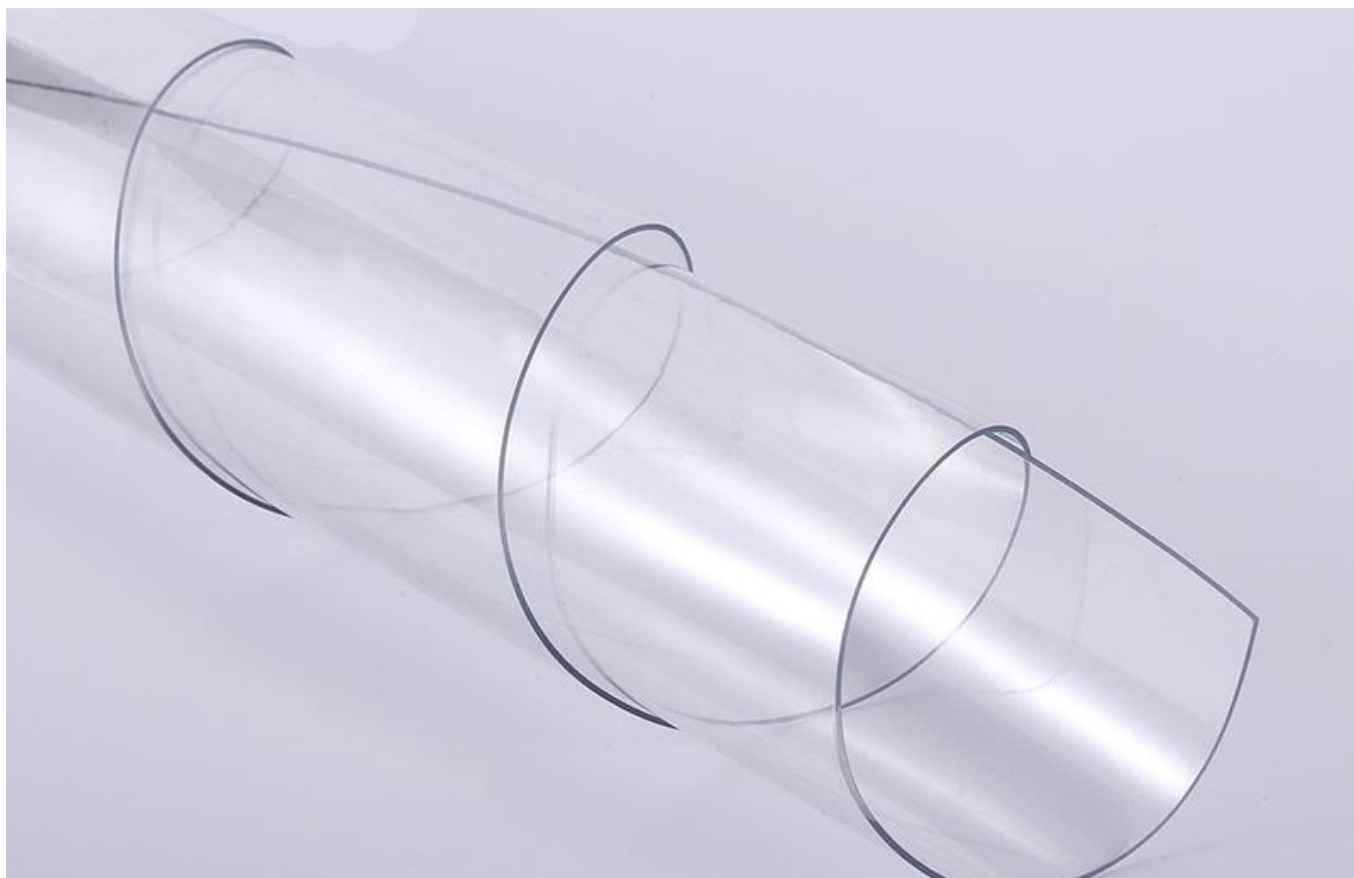
Dibenzylidene Sorbitol is a sorbitol based nucleator in polypropylene homopolymer and random copolymer that imparts improved clarity and enhanced physical properties. It acts as a clarifying agent for polyolefins. It is suitable for injection molding applications.

Applications

- 1 Dibenzylidene Sorbitol is used in concentration between 0.1% and 0.25% in polypropylene homopolymer and random copolymer.
- 2 Used in Packaging, houseware articles, food containers, cups, bottles, trays.
- 3 Nucleating agent for polyolefin resins.
- 4 It is widely used In household goods, cultural goods, industrial goods and medical goods.

Benefits

- 1 Excellent organoleptic properties.
- 2 Increase heat distortion temperature, surface gloss, impact resistance.
- 3 increased crystallization speed and shortened cycle time.
- 4 Improved clarity .
- 5 Excellent transparency.
- 6 Improving productivity.



Specifications

Test	Specification	Test Method
Appearance	white loose powder	Visual
Purity	Min 98 %	By AAS
Odor	Odorless	Complies
Melting Range	218-230 °C	Melting point apparatus
Partical Size	Passing 300 Mesh	Particle Size Analyzer
Volatilization (130 C/30min)	Max 1%	

Product FDA Status

It is approved for use in food contact polymer as per the following chapter headings.

Title	21 - Food And Drugs
Chapter	I - Food And Drug Administration Department Of Health And Human Services
Sub Chapter	B - Food For Human Consumption (Continued)
Part	178 - Indirect Food Additives: Adjuvants, Production Aids, And Sanitizers
Sub Part	B - Substances Utilized To Control the Growth of Microorganisms
Section	178.3295 Clarifying agents for polymers



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