



Technical Data Sheet

Geniset[®] D: Sorbitol based clarifying agent for polypropylene

Product Description:

Geniset D is a sorbitol based nucleator in polypropylene homopolymer and random copolymer that imparts improved clarity and enhanced physical properties.

Chemical Name: Dibenzylidene sorbitol

CAS Number: 32647-67-9

Molecular Weight: 358

Applications: Conversion: Injection Moulding, Blow Moulding, Thermoforming

End product: Packaging, houseware articles, food containers, cups, bottles, trays.

Features / Benefits:

Geniset D is a sorbitol based nucleator that offers economical clarity with excellent organoleptic properties. Increased crystallinity temperature also enables shorter moulding cycles.

Guidelines for use:

Geniset D is used in concentration between 0.1% and 0.25% in polypropylene homopolymer and random copolymer.

Recommended processing temperature range: 190 - 220°C

Best suitable polymer: Polypropylene



Physical properties: Physical form: White powder

Handling & Safety:

In accordance with good industrial practice handle with care and prevent contamination of the environment.

Avoid dust formation and ignition sources.

For more detailed information, refer to the MSDS.

Registration: Geniset D is listed in the following inventories:

- Europe: ELINCS / REACH
- USA: TSCA
- Japan: MITI
- Canada: DSL
- Australia: AICS
- Korea: ECL
- China: IECSC
- Philippines: PICC

Geniset D is approved in many countries for use in food contact applications. For detailed information contact our sales office.