



Technical Data Sheet

Geniset® D
Sorbitol based nucleating 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
Melting range: 220 - 235 °C

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: EINECS / REACH Australia: AICS
USA: TSCA Korea: ECL
Japan: MITI China: IECSC
Canada: DSL Philippine: PICCS

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

Technical service information is issued as a guide to the properties and applications of the products of RiKA International Limited. We hope the information will be of use and, upon request we will be pleased to supplement it in any way possible. Every care is taken in compiling this information but we can assume no responsibility for any liability incurred, either in regard to results obtained or patent infringement.

