



Technical Data Sheet

Geniset® MD: Sorbitol based clarifying agent for polypropylene

Product Description:

Geniset MD is an effective sorbitol based clarifier for polypropylene homopolymer and random copolymer that imparts excellent clarity and enhanced physical properties.

Chemical Name: 1:3,2:4 Di(methylbenzylidene) sorbitol

CAS Number: 81541-12-0, 54686-97-4

Molecular Weight: 386.5

Applications: Conversion: Injection Moulding, Blow Moulding, Thermoforming
End product: Packaging, houseware articles

Features / Benefits:

Geniset MD is a second generation clarifying agent of polypropylene that is highly effective in reducing haze and improving stiffness. Increased crystallinity temperature also enables shorter moulding cycles.

Guidelines for use:

Geniset MD is used in concentration between 0.1% and 0.32% in polypropylene homopolymer and random copolymer.

Recommended processing temperature range: 210 - 250°C

Best suitable polymer: Polypropylene

**Physical properties:**

Physical form: White powder

Melting range: 250 - 265 °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 MD is listed in the following inventories:

Europe: ELINCS / REACH

USA: TSCA

Japan: MITI

Canada: NDSL

Australia: AICS

Korea: ECL

China: IECSC

Philippines: PICC

Geniset MD 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 NJC Europe Limited and NJC America Incorporated. 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.

The information provided has been compiled to the best of our knowledge and belief. No claim for completeness is made. Users should only treat this as a guide and should make their own assessment. NJC Europe Limited and NJC America incorporated assume no liability for the content or any use of the content.