



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.