



Technical Data Sheet

Geniset[®] MD-LM30G
Sorbitol based clarifying agent for polypropylene

Product Description Geniset MD-LM30G is a high performance sorbitol based clarifier for polypropylene homopolymer and random copolymer that imparts excellent clarity and enhanced physical properties.

Chemical Name Main constituent 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, food containers, cups, bottles, trays

Features / Benefits Geniset MD-LM30G is a low melt version of 1,3:2,4-bis-O- (4-methylbenzylidene) sorbitol allowing easier incorporation in the molten state during compounding. Increased crystallinity temperature also enables shorter moulding cycles.

Guidelines for use Geniset MD-LM30G is used in concentration between 0.1% and 0.32% in polypropylene homopolymer and random copolymer.
Recommended processing temperature range: 190 - 240°C
Best suitable polymer: Polypropylene





Physical properties Physical form: White granule
Melting range: 200 - 220 °C
Bulk Density (packed): 0.40 - 0.60 g/cm³

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-LM30G is listed in the following inventories:

Europe: ELINCS / REACH	Australia: AICS
USA: TSCA	Korea: ECL
Japan: MITI	China: IECSC
Canada: DSL & NDSL	Philippine: PICCS

Geniset MD-LM30G is approved in many countries for use in food contact applications. For detailed information contact our sales office.

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