



Technical Data Sheet

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

Product Description:

Geniset DXR is a high performance sorbitol based clarifier for polypropylene homopolymer and random copolymer that imparts superior clarity and enhanced physical properties.

Chemical Name: Bis(3,4-dimethyldibenzylidene) sorbitol (DMDBS)
1,3:2,4-bis-O-(3,4-dimethylbenzylidene)-D-sorbitol

CAS Number: 135861-56-2

Molecular Weight: 414.5

Applications: Conversion: Injection Moulding, Blow Moulding, Thermoforming

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

Features / Benefits:

Geniset DXR's overall performance is similar to that of the DMDBS industry standard for the past 20 years. NJC's proprietary production process has produced a highly refined grade of DMDBS with superior powder properties and safer to use whilst giving excellent haze values.

Guidelines for use:

Geniset DXR can be used in concentration between 0.18% and 0.4% in polypropylene homopolymer and random copolymer.

Recommended processing temperature range: 210 - 250°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 DXR is listed in the following inventories:

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

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