



Technical Data Sheet

Gel All[®] E-200
Sorbitol based clarifying agent for polypropylene

Product Description Gel All E-200 is a high performance sorbitol based clarifier for polypropylene homopolymer and random copolymer that imparts superior 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 Gel All E-200 is an improved version of 1,3:2,4-bis-O- (4-methylbenzylidene) sorbitol allowing the formulation of polypropylene compounds with superior organoleptic properties. In addition, Gel All E-200 utilises patented low melt technology allowing easier incorporation in the molten state during compounding. Increased crystallinity temperature also enables shorter moulding cycles.

Guidelines for use Gel All E-200 is used in concentration between 0.2% and 0.32% in polypropylene homopolymer and random copolymer.
Recommended processing temperature range: 190 - 230°C
Best suitable polymer: Polypropylene





Physical properties Physical form: White powder
Melting range: 200 - 220 °C
Bulk Density: 0.25 - 0.35 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 Gel All E-200 is listed in the following inventories:
Europe: ELINCS / REACH Australia: AICS
USA: TSCA Korea: ECL
Japan: MITI China: IECSC
Canada: DSL & NDSL Philippine: PICCS

Gel All E-200 is approved in many countries for use in food contact applications. For detailed information contact our sales office.

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