



Technical Data Sheet

RiKAFAST® P1: Sorbitol based clarifying agent for polypropylene

Product Description:

RiKAFAST P1 is a cost effective 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

Features / Benefits:

RiKAFAST P1 is a cost effective improved version of 1,3:2,4-bis-O- (4-methylbenzylidene) sorbitol allowing the formulation of polypropylene compounds with superior organoleptic properties. In addition, RiKAFAST P1 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:

RiKAFAST P1 is used in concentration between 0.18% 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 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:

RiKAFast P1 is listed in the following inventories:

Europe: ELINCS / REACH

USA: TSCA

Japan: MITI

Canada: NDSL

Australia: AICS

Korea: ECL

China: IECSC

Philippines: PICC

RiKAFast P1 is approved in many countries for use in food contact applications. For detailed information contact our sales office.

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