

MDBS 3940	Technical Datasheet
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Chemical Name	1,3:2,4-DI-P-METHYLBENZYLIDENE SORBITOL	
Grade Name	MDBS 3940	
CAS No.	54686-97-4	
HS Code	29329980	
EINECS No.	402-950-5	
Molecular Formula	C22H26O6	
Synonyms	• Bis(4-methylbenzylidene)sorbitol • Bis-O-[(4-methylphenyl)methylene]-D-glucitol	
TEST	SPECIFICATION	METHOD
Appearance	White Powder	Visual
Purity by GC %	Min 98.5 %	GC
Volatiles %	Max 0.5 %	Thermogravimetry
Particle Size D99-100 Microns	Max 150 Microns	Particle Size Analyzer (Dry Method)

Product Information:

- MDBS 3940 is used for producing high clarity polypropylene.
- MDBS 3940 could be blended with polypropylene powder through the dry mixing or the master batch and it gives high transparency and improves mechanical properties, heat resistance
- These additives are also used in resins to provide improved physical properties.
- It is a clear nucleating agent suitable for medical PP as an injector. It is also suitable for wide span products (eg storage containers, CD / DVD cases, jewel cartons and food containers, etc.), blow molding, film or sheet extrusion process.

Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

Product Registration:MDBS 3940 is approved for use in food contact polymer as per the following chapter headings

Title: 21 - Food And Drugs

Chapter: I - Food And Drug Administration, Department Of Health And Human Services (Continued)

Subchapter: B - Food For Human Consumption (Continued)

Part: 178 - Indirect Food Additives: Adjuvant, Production Aids And Sanitizers

Subpart: D - Certain Adjuvant And Production Aids

Section: 178.3295 Clarifying Agents For Polymers.

Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.