



Trigon Chemicals Pvt. Ltd.

(ISO 9001:2008 Certified Company)

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PE WAX

Technical Datasheet

Product Information: Polyethylene Wax is used in non-aqueous system to prevent precipitation and flow. They reduce friction, and offer excellent abrasion resistance, scratch resistance, improved slip; rub resistance and water repellency to the final product.

Chemical Name	POLYETHYLENE WAX (PLASTIC)	
Grade Name	PE WAX	
CAS No.	9002-88-4	
EINECS No.	200-815-3	
Molecular Formula	C ₂ H ₄	
Synonyms	<ul style="list-style-type: none">• GREX• POLYETHYLENERESINS	
TEST	SPECIFICATION	METHOD
Visual Appearance	White powder	-
Colour	< 0.5 < 0.5	-
Drop Melting Point (Deg C)	106	-
Viscosity @140 Deg C (cP)	<100	-
Moisture Content	Nil	-
		-

Product Applications:

1. Polyethylene wax is used for improving and enhancing the processing and properties of the finished products in the plastic industry.
2. Polyethylene wax acts as plasticiser and dispersing agent material for polyethylene, ABS resins, polypropylene, etc.
3. The polyethylene wax can be used as a mold release agent for plastics which increases productivity, prevents pollution and enables the molding of complex shapes

Product Benefits:

1. Excellent thermal stability
2. Excellent compatibility with other waxes
3. Excellent lubrication

Product Handling & safety:

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



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

Title: 21 - Food And Drug

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

Subchapter: B - Food For Human Consumption (Continued)

Part: 175 - Indirect Food Additives: Adhesives And Components Of Coatings

Subpart: C - Substances For Use As Components Of Coatings

Section: 175.300 Resinous And Polymeric Coatings

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Title: 21 - Food And Drug

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: Adjuvants, Production Aids, And Sanitizers

Subpart: D - Certain Adjuvants and Production Aids

Section: 178.3850 Reinforced wax.

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.