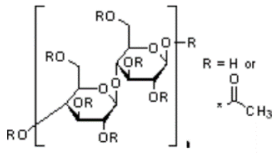
TECHNICAL SPECIFICATION

EAST HARBOUR GROUP

Cellulose Acetate

1. Basic Information

Product Name	Cellulose Acetate
Structural Formula	
CAS No.	9004-35-7
EINECS	246-466-0

2. Specifications

Item	Unit	Test Method	PC/FG	CS	LS/CF	LS/CC
Moisture	%	M.A. 9617	1.5	1.5	1.5	1.5
Combined Acetic Acid (CH_3COOH)	%	M.A. 9602	55.0	55.0	55.0	55.0
Free Acidity (CH_3COOH)	%	M.A. 9619	0.01	0.01	0.01	0.01
Viscosity (Solution A)-ASTM D817	s	M.A. 9793	30	30	30	30
Degree of Polymerization	n.u.g	M.A. 9621	198	198	198	198
Bulk Density (tapped)	g/cm^3	M.A. 9604	0.50	0.50	0.50	0.50
Melt Colour Index	-	M.A. 9615	12.0	20.0	24.0	30.0
Melt Volumetric Rate	$cm^3/10min$	M.A. 9612	180	150	150	150
Raw Material	-	-	Cotton Linter	Wood Pulp	Wood Pulp	Wood Pulp

Note: The properties reported in this sheet are using as reference only. Pacetati will provide the exact value for each single shipment according customer's requirement.

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3. Additional Information

Description
DAC-P is a brand of cellulose diacetate (CAS-No:9004-35-7), which is applied to plastic end. Under DAC-P, there are PC/FG, CS, LS/CF and LS/CC, according to the raw material used and the final quality level. DAC-P supplied as dry, free-flowing powder with fine particle size distribution. The relatively high molecular weight and suitable combined acetyl content permit them a perfect performance in extrusion and laminate process.

Storage
Keep in a cool, dry, and well-ventilated place, avoiding direct sunlight. Temperatures between 5 and 30℃ are recommended.

Disclaimer
Values shown are based on testing of laboratory test specimens. These values alone do not represent a sufficient basis for any part design and are not intended for use in establishing maximum, minimum, or ranges of values for specification purposes. Properties can be influenced by a wide variety of factors including, but not limited to, test conditions and environmental exposure. Cannot grantee the consistency of the results obtained by user even if they tested with the same method. Any determination of the suitability of a particular material for any use contemplated by the users and the manner of such use is the sole responsibility of the users, who must assure themselves that the material as subsequently processed meets the needs of their particular product or use. To the best of our knowledge, the information contained in this publication is accurate; however, we do not assume any liability whatsoever for the accuracy and completeness of such information. The information contained in this publication should not be construed as a promise or guarantee of specific properties of our products. It is the sole responsibility of the users to investigate whether any existing patents are infringed using the materials mentioned in this publication. We recommend that persons intending to rely on any recommendation or to use any equipment, processing technique or material mentioned in this publication should satisfy themselves that they can meet all applicable safety and health standards. We strongly recommend that users seek and adhere to the manufacturer's current instructions for handling each material they use and entrust the handling of such material to adequately trained personnel only.