

## Technical Data Sheet

Revision Date: 2023-05-05

NO .PBAT\_0001

Name : T16

Version: 1.0

Waneco<sup>®</sup> T16 PBAT Resin

### General Information

<b>Features</b>	•Good Processability to Blown Film	• Biodegradable
<b>Appearance</b>	•White or Slight Yellow	
<b>Forms</b>	•Pellets	
<b>Processing Method</b>	•Blown Film	

### Typical Properties

	Test Method	Test Condition	Unit	Typical Value
<b>Physical</b>				
<b>Melt Mass-flow Rate</b>	ISO 1133	190°C/2.16Kg	g/10min	3-5
<b>Melt Point</b>	DSC	-	°C	120.2
<b>Moisture Content</b>	-	-	%	<0.1
<b>End COOH</b>			mgKOH/g	<1.1 <sup>®</sup>
<b>Density</b>	ISO 1183	-	g/cm <sup>3</sup>	1.20-1.25
<b>Mechanical</b>				
<b>Stress at Break(25 μ m film)</b>	ISO 527	200mm/min	MPa	>35
<b>Strain at Break(25 μ m film)</b>	ISO 527	200mm/min	%	>500
<b>Shore Type D Hardness</b>	ISO 868	-	-	>30
<b>Thermal</b>				
<b>Vicat Softening A/50</b>	ISO 306	50°C/h;10N	°C	>80
<b>Optical</b>				
<b>Light Transmittance(25 μ m film)</b>	ASTM D1003	25μm	%	>85
<b>Processing Condition</b>				
<b>Drying Temperature</b>			°C	80
<b>Drying Time</b>			h	4
<b>Blown Temperature</b>			°C	150-170

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## Storage and transportation

The temperature during storage and transportation may not exceed 70°C at any time.

Storage time of unopened bags may not surpass 12 months at room temperature (23°C).

**For more information about safety and environment, please refer to our MSDS or contact our customer service center.**

## Version information:

Date of first issue: May. 05, 2023      Version: 1.0

## For further information please contact us:

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The information provided here is for reference only. The specification will be provided in the quality certificate or in the contract. It is the user's responsibility to test the material and its suitability for a process. We have no control over what another party does with the material and we cannot take any responsibility for another party's action. Nor will we be responsible for any indirect damages while using our products. The user is welcome to contact our customer and technical service center with questions on our products.