



# RECYCLE RESIN CATALOGUE

NATURELANDS VIETNAM

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# PP RECYCLE



## P-510W



General	
Source material	Jumbo Bag
Granule size	5 - 10 mm
Color	White
Mesh size during production	No 120
Suggested Application	High Tenacity Flat Yarn, Compounding, Injection

Properties	Values	Unit	Test Method
Melt Index	5-10	g/10min	ASTM D1238 (230°C;2.16kg)
Density	0.90 – 0.93	g/m <sup>3</sup>	ASTM D792
Ash Content	≤ 6	%	ASTM D5630
Moisture	≤ 0.40%	wt%	Gravimetric method
Tensile Strength	15 - 25	MPa	ISO 527
Flexural Modulus	1750 - 2200	MPa	ISO 178
Flexural Stress	≥35	MPa	ISO 178
Izod Impact Strenght notched	≥5	Kj/m <sup>2</sup>	ISO 180-1A

### Additional notes:

Reported test result values are average data that have been obtained after several tests in production. Specific value of the lots can be only issued through certificates of Analysis under request.

Material quality as per samples provided.

#### Disclaimer

All the information about chemical and physical properties consists of values measured in tests should only be regarded as being advisory and does not absolve the customers from doing their own full-scale tests to determine the suitability of the material for the intended applications. Customers assume all risk and liability arising from your use of the information and/ or use or handling of any product. Figures are indicative and can vary depending on the specific parameters selected and the production site. NATURE LANDS makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small- scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. We retain the right to make changes without prior notice. NATURE LANDS makes no warranties or guarantees, express or implied, regarding suitability of either NATURE LANDS supplied products or the information for your process or end-use application. Seller assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

# PP RECYCLE



## P-510B



General	
Source material	Jumbo Bag
Granule size	5 - 10 mm
Color	Blue
Mesh size during production	No 120
Suggested Application	High Tenacity Flat Yarn, Compounding, Injection

Properties	Values	Unit	Test Method
Melt Index	5-10	g/10min	ASTM D1238 (230°C;2.16kg)
Density	0.90 – 0.93	g/m <sup>3</sup>	ASTM D792
Ash Content	≤ 6	%	ASTM D5630
Moisture	≤ 0.40%	wt%	Gravimetric method
Tensile Strength	15 - 25	MPa	ISO 527
Flexural Modulus	1750 - 2200	MPa	ISO 178
Flexural Stress	≥35	MPa	ISO 178
Izod Impact Strenght notched	≥5	Kj/m <sup>2</sup>	ISO 180-1A

### Additional notes:

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Material quality as per samples provided.

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# PP RECYCLE



## P-510D



General	
Source material	Jumbo Bag
Granule size	5 - 10 mm
Color	Black
Mesh size during production	No 120
Suggested Application	High Tenacity Flat Yarn, Compounding, Injection

Properties	Values	Unit	Test Method
Melt Index	5-10	g/10min	ASTM D1238 (230°C;2.16kg)
Density	0.90 – 0.93	g/m <sup>3</sup>	ASTM D792
Ash Content	≤ 6	%	ASTM D5630
Moisture	≤ 0.40%	wt%	Gravimetric method
Tensile Strength	15 - 25	MPa	ISO 527
Flexural Modulus	1750 - 2200	MPa	ISO 178
Flexural Stress	≥35	MPa	ISO 178
Izod Impact Strenght notched	≥5	Kj/m <sup>2</sup>	ISO 180-1A

### Additional notes:

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Material quality as per samples provided.

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# PP RECYCLE



## P-510W



General	
Source material	Jumbo Bag
Granule size	5 - 10 mm
Color	Yellow
Mesh size during production	No 120
Suggested Application	High Tenacity Flat Yarn, Compounding, Injection

Properties	Values	Unit	Test Method
Melt Index	5-10	g/10min	ASTM D1238 (230°C;2.16kg)
Density	0.90 – 0.93	g/m <sup>3</sup>	ASTM D792
Ash Content	≤ 6	%	ASTM D5630
Moisture	≤ 0.40%	wt%	Gravimetric method
Tensile Strength	15 - 25	MPa	ISO 527
Flexural Modulus	1750 - 2200	MPa	ISO 178
Flexural Stress	≥35	MPa	ISO 178
Izod Impact Strenght notched	≥5	Kj/m <sup>2</sup>	ISO 180-1A

### Additional notes:

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Material quality as per samples provided.

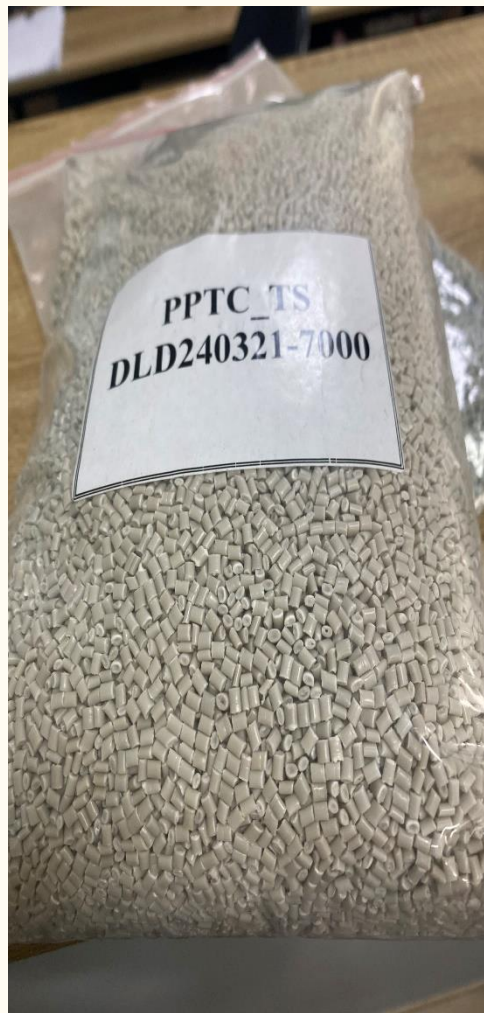
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# PP RECYCLE



## P-680W



General	
Source material	Jumbo Bag
Granule size	5 - 10 mm
Color	White
Mesh size during production	No 120
Suggested Application	High Tenacity Flat Yarn, Compounding, Injection

Properties	Values	Unit	Test Method
Melt Index	6-8	g/10min	ASTM D1238 (230°C;2.16kg)
Density	0.98	g/m <sup>3</sup>	ASTM D792
Ash Content	≤ 6	%	ASTM D5630
Moisture	≤ 0.40%	wt%	Gravimetric method
Tensile Strength	15 - 25	MPa	ISO 527
Flexural Modulus	1750 - 2200	MPa	ISO 178
Flexural Stress	≥35	MPa	ISO 178
Izod Impact Strenght notched	≥5	Kj/m <sup>2</sup>	ISO 180-1A

### Additional notes:

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Material quality as per samples provided.

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# PP RECYCLE



## P-710W



General	
Source material	Jumbo Bag
Granule size	5 - 10 mm
Color	White
Mesh size during production	No 120
Suggested Application	High Tenacity Flat Yarn, Compounding, Injection

Properties	Values	Unit	Test Method
Melt Index	7-10	g/10min	ASTM D1238 (230°C;2.16kg)
Density	0.98	g/m <sup>3</sup>	ASTM D792
Ash Content	≤ 6	%	ASTM D5630
Moisture	≤ 0.40%	wt%	Gravimetric method
Tensile Strength	15 - 25	MPa	ISO 527
Flexural Modulus	1750 - 2200	MPa	ISO 178
Flexural Stress	≥35	MPa	ISO 178
Izod Impact Strenght notched	≥5	Kj/m <sup>2</sup>	ISO 180-1A

### Additional notes:

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Material quality as per samples provided.

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