



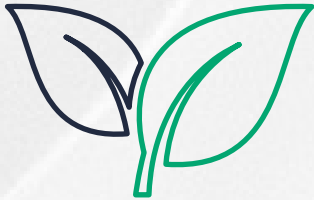
ecoware[®]

THE SUSTAINABLE CHOICE

**ecoware[®]
by barnet**

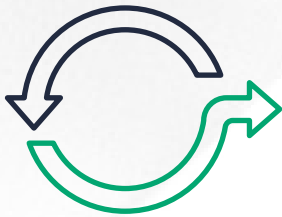


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bio-based

reduce products based on fossil fuel and increase the use of products from sustainable raw material sources



open loop

creating a second life or second application using the remaining performance and value of a material, thus creating products with low CO2 footprints



back to nature

increase the quantity of materials that degrade under certain conditions and within a certain period of time

ENVIRONMENTAL BENEFITS

- Less pre- and post-industrial waste
- Lower CO₂ emissions by reducing the general production volume
- Optimized Raw material consumption
- Reduced power consumption

THE SUSTAINABLE CHOICE

ecoware[®]
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Since 2022, our new brand **ecoware[®]** is underlining our focus on sustainability.

ecoware[®] products must meet certain clearly defined characteristics to satisfy our requirement for a sustainable product portfolio.

The **ecoware[®]** product range will grow continuously and will be adapted and expanded according to our customers' needs.

Products with the **ecoware[®]** label fulfill at least one of the following criteria:

- **bio-based**
- **open loop**
- **back to nature**

PERFORMANCE AND
SUSTAINABILITY IS NOT
A CONTRADICTION

the ecoware[®]
portfolio

According to our customers' individual application we can provide a suitable product. Our sustainable products can be a technical solution to improve product properties, and at the same time an economical alternative. Sustainability does not mean a contradiction to technological demand or economic efficiency.

yarns

material		back to nature		bio based				open loop (recycling)		certificate	appearance				range	color		note
		accelerates natural bioremediation	industrial compostable	corn starch	off-gas	agriculture waste	castor oil	post industrial	post consumer	GRS	high tenacity	POY	FDY	DTY		natural	spun-dyed	
PA	PA 6-R							■		■	■		■		235–5500 dtex 210–5000 den	■		FDY as trilobal
	Bio PA 5.6			■						■	■				470–1400 dtex 420–1270 den	■		40 % corn based
	Bio PA 11						■			■		■			122–244 dtex 110–220 den	■	■	100 % castor based
PLA			■	■							■		■		550–1100 dtex 500–1000 den	■		100 % corn based
PET	R-PET							■	■	■	■	■	■	■	33–3300 dtex 30–3000 den	■	■	up to 100 % post consumer micro-dull, semi-dull, bright
	Bio PET				■	■				■	■				550–3300 dtex 500–3000 den	■	■	30 % bio EG based on agricultural waste or off-gas
	modified	■												■	55–167 dtex 50–150 den	■		contains enzymes
Nega-Stat® P190 Eco									■				■		39–156 dtex 35–140 den	black		100 % recycled PET sheath

polymers

material		back to nature		bio based				open loop (recycling)		certificate	appearance			color				note	
		accelerates natural bioremediation	industrial compostable	corn	off-gas	agriculture waste	castor oil	bio EG	post industrial	post consumer	GRS	chip	flake	agglomerate	bright	natural white	colored	black	
PET	PET								■	■		■	■	■	■	■	■		
	rPET								■			■				■		100% green bottle flake	
PA	PA 6								■			■			■				

fibers

material		back to nature			bio based					open loop (recycling)		certificate			appearance			note
		accelerates natural bioremediation	industrial compostable	home compost	corn starch	agriculture waste	succinit acid	castor oil	cellulose	post industrial	post consumer	GRS	FSC	other	short cut	staple fiber	pulled / opened	
PET	Bio PET					■									■	■		30 % bio EG
	modified	■													■	■		contains enzymes
	R-PET									■	■	■			■	■	■	
PLA			■		■									■	■	■		100 % corn based
PBS			■	■			■							■		■		up to 51 % succinit acid
Lyocell			■						■				■	■	■	■		
Viscose			■						■				■		■	■		
PP	modified	■													■	■		
PA	PA 6-R									■		■			■	■		
	PA 6.6-R									■		■			■	■		
	Bio PA 5.6				■							■			■	■		
	Bio PA 11							■				■			■	■		
Aramid	Para									■	■				■	■	■	
	Meta									■					■	■	■	
	Para / PBI									■							■	
PBO										■							■	
P84										■							■	
PPS										■							■	
HMPE										■					■	■	■	
PAN										■					■	■	■	
OPAN										■					■	■	■	
Carbon										■					■	■	■	also milled available and with oversizing

cutlengths available: > 0.25 mm / 0.01 inch

REGIONAL AVAILABILITY MAY VARY, PLEASE ASK OUR SALES TEAM!

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product solution”**