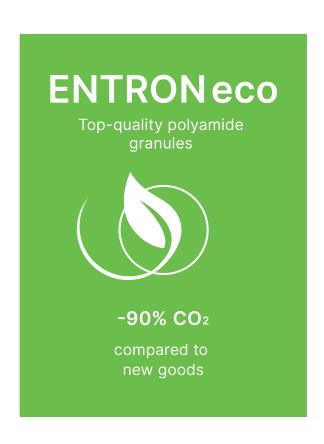
Schmiedestraße 34 26629 Großefehn Germany +49 (0) 4943 91 99 0 info@enneatech.com www.enneatech.com

ENTRON eco

reliable, ecological, powerful



ENTRON eco comprises the polyamides PA 6.6 and PA 6. The special feature of ENTRON eco is its raw materials. For its production, we primarily use synthetic fibers as a sustainable source of raw materials, which are a by-product of the "high-end textile industry". In this way, we reduce climate-damaging CO₂ emissions and thus improve not only our own eco-balance, but also that of our customers.

ENTRON eco B MC

NOTICE

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ENTRONeco B MC



COMPANY

ENNEATECH AG

Schmiedestraße 34 | 26629 Großefehn | Germany +49 (0) 4943 91 99 0 | info@enneatech.com www.enneatech.com



PRODUCT	
Trade name	ENTRON eco B MC
Article number	16180
Polymer	PA 6
Colour	Multi-coloured
Melting temperature	220 - 230 °C (DSC)
Filler content	No glass fibre and no mineral added
Shape of the granules	Cylindrical

PROPERTIES			
Charpy impact strength	[DIN EN ISO 179-1/1eU]	80 - 100	[kJ/m²]
Charpy notched impact strength	[DIN EN ISO 179-1/1eA]	4 - 7	[kJ/m²]
Tensile modulus	[DIN EN ISO 527-2 /1A]	2900 - 3200	[MPa]
Tensile strength	[DIN EN ISO 527-2 /1A]	75 - 85	[MPa]
Elongation at break	[DIN EN ISO 527-2 /1A]	20 - 30	[%]
Relative viscosity	[ISO 307 / Sulfuric acid, 25 °C]	2.6 - 2.9	[kJ/m²]
Viscosity number	[ISO 307 / Sulfuric acid, 25 °C]	142 - 165	[ml/g]
Ash content	[600 °C, Muffle furnace]	< 0.6	

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ENTRONeco B MC



PROCESSING			
Predrying	> 4h	60 - 80	[°C]
Melt temperature	< 10 min	225 - 260	[°C]
Mold temperature		60 - 80	[°C]

INFORMATION			
Quality management	ISO 9001 Certificate		
Energy management	ISO 50001 Certificate		
Data quality level	DQL-4 acc. DIN SPEC 91446:2021-12		
Application	Injection moulding & extrusion		
Packaging	silo, bigbag, octabin		
Certificate of analysis	Available for each delivery (APZ 3.1 acc. DIN EN 10204)		
Product data sheet	ENTRON eco B	Technical data & specifications	
Material safety information	ENTRON eco B	Product safety	
Yearly compliance statement	ENTRON eco A & B	Regulations & yearly tests	
Environmental product declaration	ENTRON eco B	EPD: LCA,GWP, PCF	

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