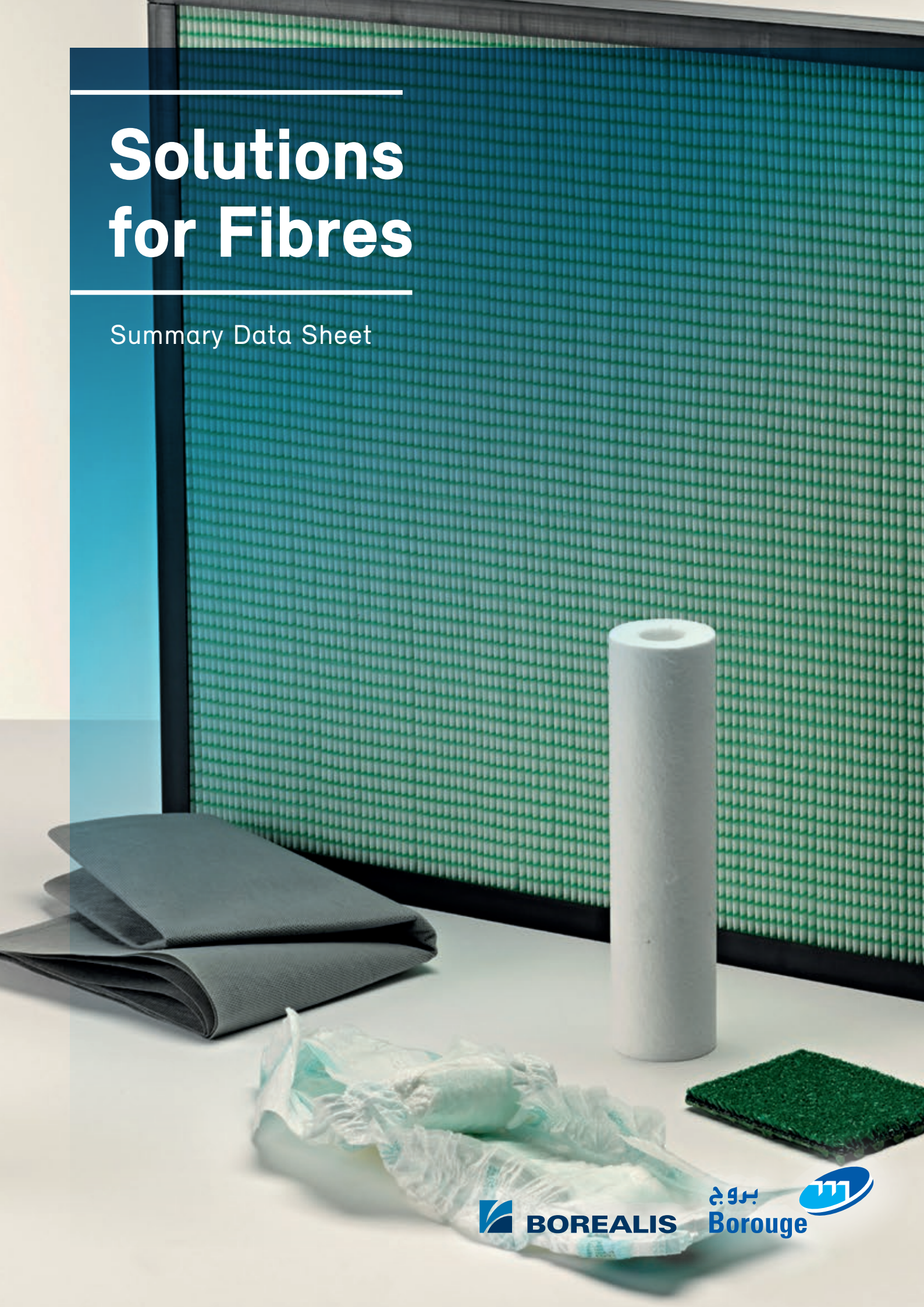


Solutions for Fibres

Summary Data Sheet



BOREALIS

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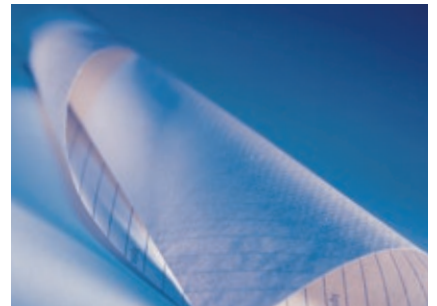
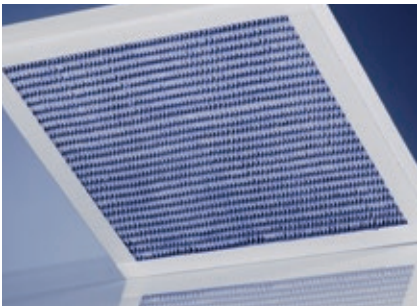
Borouge



Solutions for Fibres



Grade Name	Fibre Technology	Melt Flow Rate 230 °C/2,16 kg (g/10 min)	Molecular Weight Distribution (N M B)	Additives gasfading free	Additives Antigasfading	Applications	Properties
PP Homopolymers for Hygiene Applications							
HE370FB	Staple Fibre	12	M		•	Staple fibre dry laid thermobonded nonwovens.	Excellent spinning performance on low and high speed technologies. Produced with non-phthalate catalyst.
HG475FB	Spunbonded	27	N		•	Used in Hygiene nonwoven products as the spunbond layers in SMS structures.	Enhanced spinning performance, suitable for high speed lines. Produced with non-phthalate catalyst. Recommended grade for high-speed Reicofil lines.
HH450FB	Spunbonded	37	N		•	Used in Hygiene nonwoven products as the spunbond layers in SMS structures.	Enhanced spinning performance, suitable for high speed lines.
HL708FB	Meltblown	800	N			Used in Hygiene nonwoven products as the meltblown layers in SMS structures.	Pelletised, high consistency and superior barrier properties. Suitable for high speed lines. Produced with non-phthalate catalyst. Recommended grade for high-speed Reicofil lines.
HL712FB	Meltblown	1,200	N			Used in Hygiene nonwoven products as the meltblown layers in SMS structures.	Pelletised, high consistency and superior barrier properties. Choice for higher melt flow requirements. Suitable for high speed lines. Produced with nonphthalate catalyst.
HL912FB	Meltblown	1,200	N			Used in Hygiene nonwoven products as the meltblown layers in SMS structures.	Wide processing window which allows production of even finer fibres, better opacity and lower Air Permeability.
PP Homopolymers for Filtration & Absorbtion							
HG475FB	Spunbonded	27	N		•	Spunbonded support layers for Filtration media.	Enhanced spinning performance, good mechanical properties, provides good fibre diameter control.
HH450FB	Spunbonded/ Meltblown	37	N		•	Spunbonded and meltblown support layers for Filtration media.	Enhanced spinning performance, good mechanical properties. Enables very good shaped pleated media.
HK060AE	Meltblown	125	N			Course meltblown fibres as support layer in Filtration media and absorbents.	High output and excellent processing on Multirow/Biax meltblown lines.
HL504FB	Meltblown	450	N			Used in Filtration media and oil absorbents.	Provides coarser meltblown layers and larger pore size for efficient filtration and absorbtion.
HL708FB	Meltblown	800	N			Diverse usage in air & liquid filtration and absorbents.	Improved filtration efficiency and high dust holding capacity through fine fibres. Easy to electric charge for better filtration. Enables high absorption capacity.
HL712FB	Meltblown	1,200	N			Ultra fine fibres for Filtration media and absorbents. Used for higher filtration classes.	Excellent filtration efficiency through ultra fine fibres. Easy to electric charge for better filtration. Enables high absorption capacity.
HL912FB	Meltblown	1,200	N			Ultra fine fibres for Filtration media and absorbents. Used for higher filtration classes.	Wide processing window allows for Ultra fine fibres for filtration media and absorbents.
PP Homopolymers for Technical Textiles							
HA507MO	Strapping	0.8	B			Heavy duty strapping.	Good mechanical properties.
HC101BF	Tapes and monofilaments	3.2	B			Woven fabrics, ropes and twines.	Easy processing, good mechanical properties.
HF420FB	Spunbonded, CF and POYfilaments	19	N			Geotextiles, technical nonwovens.	Excellent mechanical properties.
HG565FB	Staple fibres, CF and POY	23	M	•		All fibre applications where gas fading has to be avoided.	Excellent spinning performance.
HG475FB	Spunbonded, CF and POY filaments	27	N		•	Partial oriented yarns (POY) for woven and knitted fabrics.	Enhanced spinning performance and anti-gasfading formulation.
PP Homopolymers for other applications							
HL504FB	Meltblown	450	N				High melt flow rates, pelletised material for easy handling and conveying.
HL708FB	Meltblown	800	N			Used as flow enhancer for molding and extrusion applications. Carrier for compounding and masterbatch applications.	Very high melt flow rates allowing higher filler contents, pelletised material for easy handling and conveying.
HL712FB	Meltblown	1,200	N			Matrix material in composites.	Ultra high melt flow rates allowing the highest filler contents. Pelletised material for easy handling and conveying.



Making everyday life easier | Date of issue: April 2019

About Borealis Borealis is a leading provider of innovative solutions in the fields of polyolefins, base chemicals and fertilizers. With its head office in Vienna, Austria, the company currently has around 6,800 employees and operates in over 120 countries. Borealis generated EUR 8.3 billion in sales revenue and a net profit of EUR 906 million in 2018. Mubadala, through its holding company, owns 64% of the company, with the remaining 36% belonging to Austria-based OMV, an integrated, international oil and gas company. Borealis provides services and products to customers around the world in collaboration with Borouge, a joint venture with the Abu Dhabi National Oil Company (ADNOC).

Borealis and Borouge aim to proactively benefit society by taking on real societal challenges and offering real solutions. Both companies are committed to the principles of Responsible Care®, an initiative to improve safety performance within the chemical industry, and work to solve the world's water and sanitation challenges through product innovation and their Water for the World programme.

For more information visit: www.borealisgroup.com · www.borouge.com · www.waterfortheworld.net

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