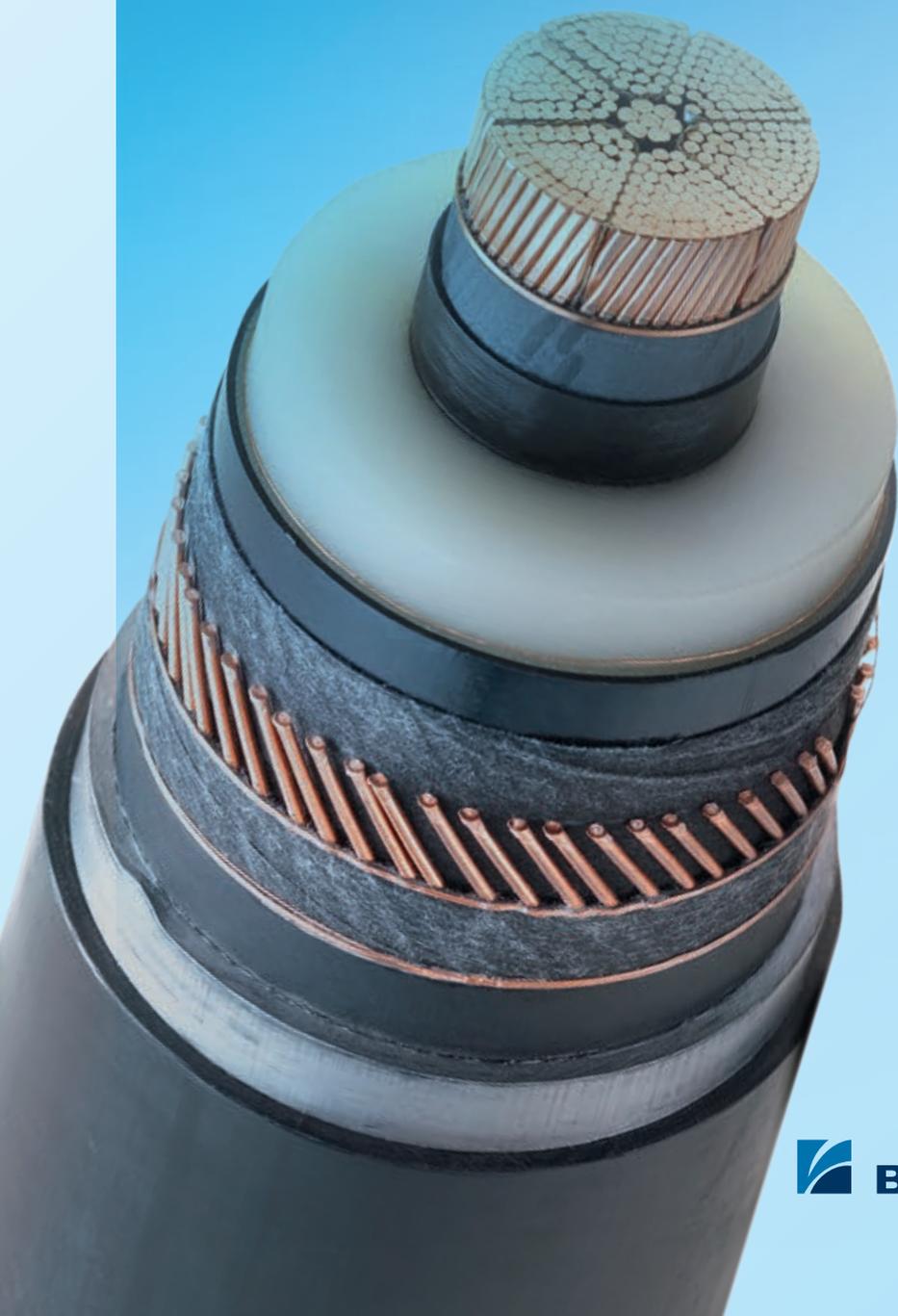

Borlink™ Solutions for Wire & Cable power cables

Summary Data Sheet

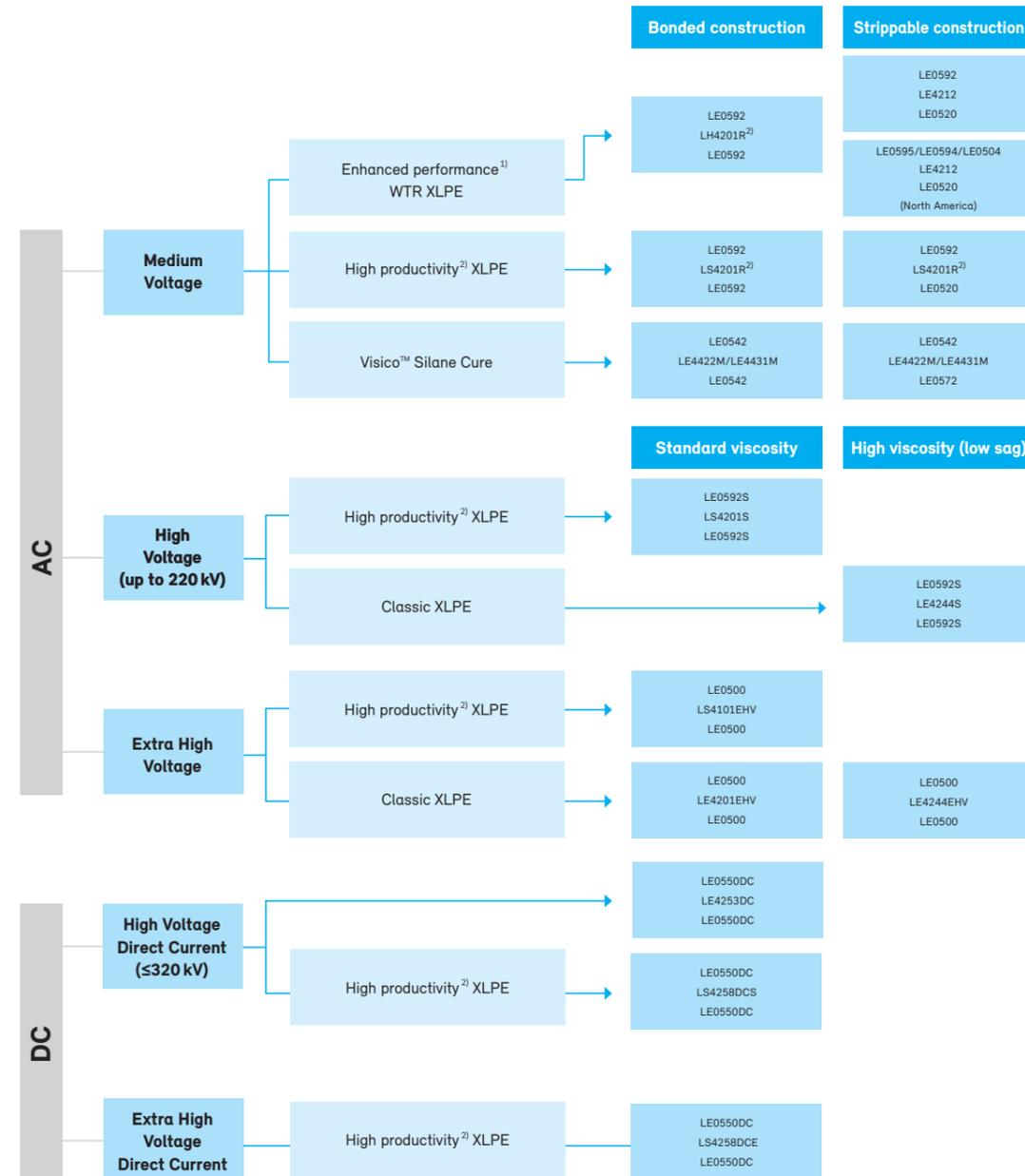


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Recommended solutions for power cables



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1) Enhanced performance: describes combinations which have been proven to have significantly better ageing performance in the common long term wet ageing tests (CENELEC HD620, AEIC CS8 - 2000).

2) High productivity XLPE: describes combinations which are proven to have significantly higher throughput and/or allow longer production runs within the cable manufacturing facility.



Compounds for power cables

Insulation	
Borlink™ LS4201EHV & Borlink™ LS4201S & Borlink™ LS4201R	High productivity XLPE insulation for peroxide cured cables
Borlink™ LC8205R	Enhanced performance Copolymer WTR-XLPE with high productivity for peroxide cured cables
Borlink™ LH4201R	Enhanced performance Copolymer WTR-XLPE with high productivity for peroxide cured cables
Borlink™ LE4212	Enhanced performance WTR-XLPE insulation for peroxide cured cables
Borlink™ LE4201EHV & Borlink™ LE4201S & Borlink™ LE4201R	XLPE insulation for peroxide cured cables
Borlink™ LE4244EHV & Borlink™ LE4244S & Borlink™ LE4244R	Low sagging XLPE insulation for peroxide cured cables
Borlink™ LE4253DC	XLPE insulation for peroxide cured HVDC cables
Borlink™ LS4258DCS & Borlink™ LS4258DCE	High productivity XLPE insulation for peroxide cured HVDC cables
Visico™ LE4422M/LE4431M	XLPE insulation/catalyst for silane cured cables
Semiconductive screens	
Borlink™ LE0592S	Conductor and bonded insulation screen for peroxide cured cables
Borlink™ LE0500	Conductor and bonded insulation screen for peroxide cured cables
Borlink™ LE0500EHV	Conductor screen and bonded insulation screen for peroxide cured cables
Borlink™ LE0504	Conductor (aluminium) and bonded insulation screen for peroxide cured cables
Borlink™ LE8280	Scorch resistant conductor and bonded insulation screen for peroxide cured cables
Borlink™ LE0550DC	Conductor and bonded insulation screen for peroxide cured HVDC cables
Borlink™ LE0592	Conductor and bonded insulation screen for peroxide cured cables
Borlink™ LE0595	Conductor and bonded insulation screen for peroxide cured cables
Borlink™ LE0520	Strippable insulation screen for peroxide cured cables
Borlink™ LE0516	Strippable insulation screen for peroxide cured cables (easy strip)
Borlink™ LE0315	Strippable insulation screen for peroxide cured cables and EPR cables (easy strip)
Borlink™ LE7710	Thermoplastic black polyethylene compound for semiconductive screen applications
Visico™ LE0542	Conductor and bonded insulation screen for silane cured cables
LE0572	Strippable insulation screen for silane cured cables
Jacketing	
Borstar® LE8706/LE8707	Bimodal linear low density jacketing compound (natural/black) for abrasion resistance and low coefficient of friction combined with excellent extrudability and flexibility
Borstar® ME6053/ME6062	Bimodal medium density jacketing compound (natural/black) for very good flexibility and toughness
Borstar® HE6063/HE6062	Bimodal high density jacketing compound (natural/black) for physical toughness and very low water permeability combined with superior processability, reduced shrinkage, and outstanding ESCR
Casico™ FR6082	Reduced fire hazard jacketing compound for energy cables
Casico™ FR6083	Reduced fire hazard jacketing compound for energy cables
LE0563	Thermoplastic semiconductive compound for grounding and diagnostic purposes

Borealis and Borouge – Dedicated to Wire & Cable Solutions

Borealis and Borouge are the world's leading providers of innovative, value creating plastics solutions for the wire and cable industry. Our solutions are customer-driven and designed to satisfy the industry's continuously evolving demands for higher technical performance. Consequently, they can be found in the most challenging EHV and HV cable applications, as well as MV and LV energy transmission and distribution cables, building wires, and communications cables.

In answer to the need for production, installation and cable-system lifetime enhancements, we create the innovation links that secure world-class, step-change solutions and benefit the whole wire and cable value chain. Through the introduction of unique polymer technologies, which include Borlink™, Visico™/Ambicat™, Borstar®, and Casico™, we continue to pioneer the development of advanced insulation and jacketing systems for both energy and communication cables.

Built on more than 50 years experience, Borealis and Borouge have a well-established track record in serving customers' needs with the consistently high quality products expected of global leaders. We are committed to extending that leadership position and our role as reliable partners for the long-term – a commitment not only supported by our forward thinking in innovative solutions, but also confirmed by ongoing investments for our customers' continued success.

Through ongoing research and development, investment in the future and a dedicated team with solid industry knowledge, we aim to remain fully responsive to our customers' needs throughout the world.

Bringing energy all around | Date of issue: November 2018

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 6,600 employees and operates in over 120 countries. Borealis generated EUR 7.5 billion in sales revenue and a net profit of EUR 1,095 million in 2017. 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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