

Breakthrough solutions for a brighter, safer future

A groundbreaking
development in
chemically-foamed
communication cables



BOREALIS

بروج

Borouge



Introducing the world's first chemically-foamed ADCA-free HDPE

In a groundbreaking development for cable manufacturers, Borealis' launch of HE1355 means for the first time there is an ADCA-free material for use as a blowing agent in communication cables.

A safer alternative to ADCA

Recognised as a respiratory sensitiser, ADCA has been classified as a Substance of Very High Concern by REACH. And in 2019, the European Commission recommended ADCA be listed as a chemical that requires authorisation for use. The arrival of HE1355 ensures there is now an alternative that's both free from harmful substances and comparable to ADCA in terms of performance.

	PHYSICAL FOAMING	CHEMICAL FOAMING
Usage	Data Cable & Mini Coax	Foamed Communication Cable
MDPE	—	ME1254
HDPE	HE4883	HE1355

Benefits to your business



Bypasses the costly need for ADCA authorisation, which takes up to four years.



There is no limit to the length of time HE1355 is authorised for use.



Matches the technical performance of ADCA-containing solutions.



Safeguards the cable value-chain against ADCA's harmful effects.

Offering sustainable solutions

Bringing energy all around via sustainable solutions, Borealis offers cable makers a seamless transition to the ADCA-free alternative. It is our aim to be a reliable partner and we're here to help your organisation work towards a brighter, safer future.

To find out more, talk to us today
borealisbringsenergy.com/adca-free

Borealis solutions bring energy all around

date of issue: March 2020

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: borealisgroup.com • borouge.com • waterfortheworld.net

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