

Polyethylene

LE0865

Low Density Polyethylene

Description

LE0865 is a natural, modified polyethylene compound containing a mineral filler. It is especially designed for standstill or as a shutdown compound.

LE0865 does not stick hard to metal surfaces and is therefore easy to remove by purging, or mechanically with e.g. a brass tool. The heat stability of the compound prevents thermal degradation that can result in oxidized particles that may be formed during extruder standstill. The compound has been demonstrated effective in allowing weekend shut down of film extrusion lines without dismantling for cleaning.

Does not stick hard to metal surfaces

Allowing weekend shut down of extrusion lines

Excellent heat stabilization

Applications

LE0865 is intended for following applications:

Purging and cleaning resin

Physical properties

Property	Typical value *	Unit	Test method
Density ¹	1050	kg/m ³	ISO 1183-1
Melt flow rate (190 °C/2.16 kg)	1.5	g/10 min	ISO1133-1

* Data should not be used for specification work

¹ Compound

Processing techniques

Fill the extruder and head with LE0865 and lower the temperature to 115°C. For more specific information, please contact your Borealis representative.

Packaging and storage

LE0865 should be stored indoors at temperatures between 10 - 30°C in unopened original packages in clean and dry environment, protected from sunlight. Following above-mentioned conditions the material can be safely stored for a period of up to 24 months after date of production. The product is available in 25 kg bags

Product compliance documents

Latest versions of product safety information sheets (PSIS), product safety data sheets (SDS) and other product liability documents are available in our website www.borealisgroup.com.

Sustainability aspects

Borealis is ever mindful of the impact of our products on the planet. We promote Design for Circularity (DfC) and Design for Recycling (DfR) to conserve natural resources and to reduce the environmental impact of products over their entire lifetime (including production, use phase and after phase). DfR helps ensure that material can be effectively recycled while maximizing the material performance efficiency.

Further information on sustainability and Design for Recycling (DfR) can be found from our websites www.borealisgroup.com and www.borealiseverminds.com.

Disclaimer

The product(s) mentioned herein are not intended to be used for medical, pharmaceutical or healthcare applications and we do not support their use for such applications.

To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication; however we do not assume any liability whatsoever for the accuracy and completeness of such information.

Borealis makes no warranties which extend beyond the description contained herein. Nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose.

It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products.

No liability can be accepted in respect of the use of any Borealis product in conjunction with any other products and/or materials. The information contained herein relates exclusively to our products when not used in conjunction with any other material unless as specifically provided for in the test methods stated above.