

Polyethylene Borlink™ LE4212

We confirm that during manufacturing of this product we do not use or intentionally add any of the chemicals restricted by the following regulations and standards and their subsequent amendments in amounts which exceed the applicable limits.

- **Annex XVII** of the REACH Regulation **1907/2006/EC** - Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles
- **Annex XIV** of the REACH Regulation **1907/2006/EC** - List of substances subject to authorisation
- Directive **2000/53/EC** (End of life vehicles - ELV) - Cr(VI), Hg and Pb < 0.1 wt%, Cd < 0.01 wt%
- Directive **2011/65/EU** (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment - RoHS) and all other RoHS legislations worldwide that restrict some or all of the following substances - Pb, Hg, Cr(VI), PBB, PBDE, DEHP, BBP, DBP, DIBP < 0.1 wt%, Cd < 0.01 wt%
- Directive **2012/19/EU** (Waste Electrical & Electronic Equipment - WEEE) - Annex VII - No ingredients used which require selective waste treatment
- Regulation (EU) **2024/590** on Substances that deplete the ozone layer, repealing 1005/2009/EC
- **US Clean Air Act**, Title VI, Classes I and II (EPA Final Rule; Federal Register 8136, 11.2.1993) on substances that deplete the ozone layer
- Regulation (EU) **2019/1021** on persistent organic pollutants (POPs)
- Global Automotive Declarable Substance List (**GADSL**)
- No use of prohibited substances. Declarable substances above the reporting limit can be found via the IMDS entry for products intended for automotive applications.
- Swiss **SR 814.018** (Verordnung über die Lenkungsabgabe auf flüchtigen organischen Verbindungen - VOCV) - VOC's according to Annexes 1 & 2 < 3 wt%
- Japanese CSCL; Class I or II Specified Chemical Substances

Borlink is a trademark of the Borealis group.

Borealis GmbH | Trabrennstrasse 6-8 | 1020 Vienna | Austria
Telephone +43 1 224 00 0 | Fax +43 1 22 400 333
FN 269858a | CCC Commercial Court of Vienna | Website www.borealisgroup.com



Polyethylene Borlink LE4212

Regarding classification of the above product according to REGULATION (EC) No 1272/2008 and its subsequent amendments, reference is made in the SDS/PSIS for the above product.

We also confirm that during the manufacturing of the above product we do not use or intentionally incorporate into it any of the following substances. These substances are not expected to be present in this product, however, the product has not been specifically analysed for the presence of these substances:

Acrylamide	Glyoxal
Aromatic Amines (restricted in Regulation 1907/2006/EC, Annex XVII)	Isocyanates, polyurethanes
Artificial Musk	Mechanically recycled materials
Asbestos	Melamine, Cyanuric acid
Azocolorants (restricted in Regulation 1907/2006/EC, Annex XVII)	Mica
Azodicarbonamide, semicarbazide	Natural rubbers, Latex
Benzophenones (e.g. 4-MBP, 4-HBP, 2,2'-Dimethoxy-2-phenylacetophenone)	Nitrosamines, Nitrates
Biocides (Pesti-, Herbi-, Insecti-, Fungi-, Bactericides)	Octyl- and Nonylphenols and Octyl- or Nonylphenoethoxylates; TNPP
CFC, HCFC	Organotin compounds
Colophony (rosin)	Oxo-degradable additives
4,4'- Diaminodiphenylmethane (MDA)	Parabens
Di-2-ethyl-hexyl maleate (DEHM)	PFAS (acc. OECD definition)
Dimethylfumarate (DMF), Dibutylfumarate	PFOA, PFOS
1,4-Dioxane	Phthalates
Elements: Arsenic, Beryllium, Bismuth, Cobalt, Gold, Indium, Palladium, Selenium, Silver, Tellurium, Thorium, Tin, Tantalum, Tungsten	Plasticisers (e.g. Adipates, ESBO, NETSA)
Heavy metals: Cadmium, Chromium (VI), Lead, Mercury	Polychlorinated Bi-, Terphenyls and Naphthalenes
2-Ethylhexanoic acid, Ethoxyquin, ITX, Thiurams	Polychlorinated dibenzodioxins and dibenzofurans
Flame retardants (halogenated or phosphorus based)	Polycyclic aromatic hydrocarbons (PAH) as restricted in Regulation 1907/2006/EC, Annex XVII
Formaldehyde or formaldehyde releasers	Radioactive substances
Fragrances	Resorcinol
Furfural	Styrene, Polystyrene
	Thiuram mix
	Tri-tert-butylphenol
	UV-hardeners (e.g. ITX, Titanil-acetylacetone)
	Vinylchloride, Vinylidenechloride, PVC, CPVC or PVDC

Polyethylene Borlink LE4212

The ingredients of the above product, and if applicable the basic polymer(s), are either listed or exempted in the following chemical inventories:

China/IECSC
Europe/EINECS or ELINCS or NLP
Korea/KECL
Taiwan/TCSI
USA/TSCA (all relevant ingredients designated as active)

Prepared by Borealis, Group Product Stewardship

Disclaimer

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 Borealis' products in conjunction with other materials. The information contained herein relates exclusively to our products when not used in conjunction with any third party materials.