

## Polyethylene

# Ambicat™ LE4472

We certify 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 **1005/2009/EC** (Substances that deplete the ozone layer)
- **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), repealing 850/2004/EC
- 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
- Japanese PRTR law; Class I or Class II Designated Chemical Substances

Ambicat is a trademark of the Borealis group.

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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 certify that during the manufacturing of the above product we do not use or intentionally incorporate into it any of the following materials:

Acrylamide	Glyoxal
Aromatic Amines (restricted in Regulation 1907/2006/EC, Annex XVII)	Mechanically recycled materials
Artificial Musks	Melamine, Cyanuric acid
Asbestos	Natural rubbers, Latex
Azocolorants (restricted in Regulation 1907/2006/EC, Annex XVII)	Nitrosamines, Nitrates, Nitrites
Azodicarbonamide, semicarbazide	Octyl- and Nonylphenols and Octyl- or Nonylphenoethoxylates; TNPP
Benzophenones (e.g. 4-MBP, 4-HBP, 2,2'-Dimethoxy-2-phenylacetophenone)	Organotin compounds
Biocides (Pesti-, Herbi-, Insecti-, Fungi-, Bactericides)	Oxo-degradable additives
CFC, HCFC	Parabens
Colophony (rosin)	PBT and vPvB substances according to EC Regulation No.1907/2006 (REACH)
4,4'- Diaminodiphenylmethane (MDA)	PFAS (e.g. PFOA, PFOS)
Di-2-ethyl-hexyl maleate (DEHM)	Phthalates
Dimethylfumarate (DMF), Dibutylfumarate	Plasticisers (e.g. Adipates, ESBO, Phthalates)
1,4-Dioxane	Polychlorinated Bi-, Terphenyls and Naphthalenes
Elements: Arsenic, Beryllium, Bismuth, Gold, Indium, Palladium, Selenium, Silver, Tellurium, Thorium, Tin, Tantalum, Tungsten	Polychlorinated dibenzodioxins and dibenzofurans
Heavy metals: Cadmium, Chromium (VI), Lead, Mercury	Polycyclic aromatic hydrocarbons (PAH) as restricted in Regulation 1907/2006/EC, Annex XVII
2-Ethylhexanoic acid, Ethoxyquin, ITX, Thiurams	Quaternary ammonium compounds
Flame retardants (halogenated or phosphorus based)	Radioactive substances
Formaldehyde	Styrene, Polystyrene
Fragrances	SVHC on "Candidate List of Substances of Very High Concern for Authorisation"
Furfural	Thiuram mix
	Tri-tert-butylphenol
	UV-hardeners (e.g. ITX, Titanil-acetylacetone)
	Vinylchloride, Vinylidenechloride, PVC, CPVC or PVDC

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The substances used in the manufacturing of the above product, and if applicable the basic polymer(s), are listed in the following chemical inventories:

Australia/AIICS  
Canada/DSL  
China/IECSC  
Europe/EINECS or ELINCS or NLP  
Japan/ENCS and ISHL  
Korea/KECL  
Taiwan/TCSI  
USA/TSCA (all relevant ingredients designated as active)

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### 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.