

## CERTIFICATE OF COMPLIANCE

### GEHR® POM-C, natural and black semi-finished articles

The articles fulfil the following requirements respectively standards

#### Tested on the semi-finished products, valid for

<b>Drinking water</b>	Existing Conformities on request.
<b>Food safety</b>	
European Food contact Directives	The natural and black semi-finished articles are compliant with the directives of EU/10/2011, amendment EU/1245/2020 and EU/1935/2004. (Test reports on request)
,GMP' Good Manufacturing practice	The Regulation EU/2023/2006 is fulfilled by the QM System of the GEHR production, according the actual requirements of DIN EN ISO 9001, which is implemented and realized.

#### Tested on the raw material

<b>Drinking water</b>	Existing Conformities on request.
<b>Food safety</b>	
US, 'FDA' Food & Drug Administration	Polymer: FDA 21 CFR § 177.2470 Black colorant: CFR 21 § 170-190
<b>Special Declarations</b>	
'Reach', Registration, Evaluation, Authorisation and Restriction of Chemicals; 'SVHC', Substances of very high concern	EU/1907/2006, REACH, SVHC compliant, see also specific GEHR confirmation.
Conflict materials, Dodd Frank Act	Compliant, see also specific GEHR confirmation.
Packaging (Heavy metals) compliant with CONEG Legislation	Does not contain Cadmium, Lead, Mercury & Chromium-VI, total sum of concentration levels of all heavy metals listed < 1000 ppm
Packaging and Packaging Waste Directive EU Directive No 94/62	
'TSCA', Toxic Substances Control Act	Compliant, see also specific Gehr confirmation
California Proposition 65	
Natural articles	 Warning, POM-C contains a chemical which is known to the State of California to cause cancer: formaldehyde CAS# 50-000-0, with a threshold value < 100 ppm.
Black articles	 Warning, contains titanium dioxide, known to the State of California to cause cancer or reproductive toxicity. Contains heavy metal traces. In addition can not be excluded: impurities of o-nitrotoluene, CAS# 88-72-2 and hexachlorobenzene, CAS# 118-74-1. Warning, POM-C contains a chemical which is known to the State of California to cause cancer: formaldehyde CAS# 50-000-0, with a threshold value < 100 ppm.
Japan, ChemSherpa (Substance list version 2.06.00a), (valid for articles based on a specified raw material, articles on request)	This product does not contain the substances as intentional ingredients that must be declared at more than de-clarable threshold, based on output result using chem-Sherpa, except the chemical substance(s) noted in '4. Composition'.

**Electrical and Electronic Equipment**

'RoHS', Restriction of certain Hazardous Substances	EU Directive No 2011/65, compliant - see also specific Gehr confirmation
'WEEE', Waste electrical and Electronic Equipment	EU Directive No. 2012/19, if present at all, concentration levels of WEEE classified substances is below reporting level

**Flammability**

UL 94, Yellow Card	A Yellow Card is available for several POM-C grades. The burning behaviour of POM-C is tested according UL as HB.
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**Substances of concern**

'ADI', Animal derived ingredients	Compliant with EMEA BSE Guideline EMEA/410/01 rev.3, EMEA-BSE Regulation 2004/C24/03, 2001/2/EU and 2003/32/EU. This material can be declared free of Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE).
'ODS', Ozone Depleting Substances	EU Regulation No. 1005/2009, no defined substances are used
'POP', Persistent Organic Substances	Compliant with EU Regulation No. 2019/1021, see also specific GEHR confirmation
Biocidal Products	No treated articles as defined in EU No. 528/2012, During manufacturing, handling & storage no biocidal products are used or intentionally added
'GMO', Genetically Modified Organism	No GMO based raw materials are used or intentionally added during production, based on information of raw material suppliers
Formaldehyde	POM means Polyacetal resins, due to the intrinsic nature of all Polyacetal products formaldehyde may contain traces of formaldehyde
Nanomaterials	Granulates are not considered as nanomaterials as defined in EU Recommendation No. 2011/696, no material of nanoscale is added during production, raw materials, e.g. pigments and fillers which might fall under the EU 2011/696 are dispersed and embedded in the polymer matrix and no more available in nanoform size
'VOC', Volatile Organic Compounds	No content of VOC according to EU Directive No 2010/75 respectively Swiss Regulation SR 814.018, Content of VOC <3%

**Substances not used**

Asbestos	
Bisphenol A, F, S	
Cobalt	
Latex	'latex' refers to the natural rubber latex made from plant sources in Brazil, some synthetic rubber materials may be referred to as 'latex', but they do not contain the protein of the natural based latex, which causes the latex allergy
Mica	
Perfluorooctane sulfonates (PFOS)	Perfluorooctane sulfonates (PFOS) in Directive 2006/122/EC of the European parliament and of the council of 12 December 2006 amending for the 30th time Council Directive 76/769/EEC on the approximation of the laws, regulations and administrative provisions of the Member States relating to restrictions on the marketing and use of certain dangerous substances and preparations. The resins used do not intentionally add Perfluorooctane sulfonate (PFOS) for their production.
Phthalates	Not used during production process (Bis (2-ethylhexyl)phthalate (DEHP), Benzyl butyl phthalate

	(BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP)
Polyvinyl chloride (PVC) and polyvinylidene chloride (PVDC)	
2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP, CAS # 732-26-3)	
Decabromodiphenyl Ether (DecaBDE, CAS # 1163-19-5)	
Phenol, Isopropylated Phosphate 3:1 (PIP 3:1, CAS # 68937-41-7)	
Pentachlorothiophenol (PCTP, CAS # 133-49-3)	
Hexachlorobutadiene (HCBd, CAS # 87-68-3)	
Radioactive substances	
Silicones	
<b>Coloring / UV stabilizer</b>	
Use of carbon	Natural POM-C contains no significant amount of free carbon (only traces in additives possible). Black POM-C articles contain free carbon as part of the formulation of the color batch.
UV stabilizer	POM-C natural and black articles of GEHR contain no additional UV stabilizer. The black colorant may improve UV stability compared with the natural articles, but no tests are performed.

Note: Proper processing of the product(s) is a precondition. We would like to point out that the testing of the overall migration limit and all other specific migration limits, e.g. delivery of special substances in measurable quantities of food or food simulants, is the responsibility of the manufacturer of the end product (distributor).

The present certificate corresponds with our actual knowledge. However customers should verify regulatory status periodically, if needed. This document was generated electronically and is valid without signature.