



DECLARATION OF COMPLIANCE EU

MANUFACTURER: "PLANET PLASTIC" LLC
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TRADE MARK: "HARWELL"

PRODUCT: Polyethylene bag for packing grain and silage "HARWELL"

APPLICATION: Alternative storage of grain and silage.

We, "PLANET PLASTIC" LLC, declare under our own responsibility, that the product **Polyethylene bag for packing grain and silage "HARWELL"**, which this Declaration concerns, corresponds to safety requirements and the harmlessness, stated in the Commission Regulation (EU) No.10/2011 "On plastic materials and articles intended to come into contact with food" and Commission Regulation (EU) No.1935/2004 "Materials and articles intended to come into contact with food", and also Resolution AP (89)1, Decree 38/2001, standards ISO 11358-1, EN 1186-1.

Test results of the toxic elements determination – Grain bag TM "Harwell" – black side			
Parameter	Unit	Test result	Limit acc. Resolution AP(89)1
Pb, CD, CR, As, Se	mg/kg	< 10 (0,001%)	0,01%
Sb	mg/kg	< 10 (0,001%)	0,05%
HG	mg/kg	< 10 (0,001%)	0,005%

Content of carbon black			
Parameter	Unit	Value obtained	Limit acc. Regulation (EU)10/2011
Carbon black	% w/w	< 0.1	max. 2.5

Overall migration determination			
Food simulant	Unit	Average	Limit
MPPO (40±2)°C / 10 days	mg/dm ²	2.1	max. 10

Specific migration of monomers and additives – into MPPO, (40±2)°C / 10 days			
Parameter	Unit	Test result	Limit acc. Regulation (EU)10/2011
1-hexene, PM/Ref. No.18820, CAS 592-41-6	mg/kg	< 0.3	max. 3
Vinylidene fluoride, PM/Ref. No.26140, CAS 75-38-7	mg/kg	< 0.012	max. 5

Specific migration of monomers and additives – into 3% acetic acid, (40±2)°C / 10 days			
Parameter	Unit	Test result	Limit acc. Regulation (EU)10/2011
Al	mg/kg	< 0.05	max. 1
Ba	mg/kg	< 0.05	max. 1
Co	mg/kg	< 0.005	max. 0.05
Cu	mg/kg	< 0.05	max. 5
Fe	mg/kg	< 0.10	max. 48
Li	mg/kg	< 0.01	max. 0.6
Mn	mg/kg	< 0.01	max. 0.6
Ni	mg/kg	< 0.005	max. 0.02
Zn	mg/kg	< 0.10	max. 5
Primary aromatic amines	mg/kg	negative	max.0.01

Testing of product samples are performed in the accredited European laboratory at institute of ITC (Zlin-Louky, Czech Republic). Accreditation No. L 1004.

Test Report No. 472111134 DD 10.05.2018. Attest No. 472111134 DD 10.05.2018. Attest is valid till May 31, 2021.

Director

“ 07 ” 06 2018



Oleksandr Verba