

**Food Contact Plastics**  
**Certificate of Conformity with the Test Requirements of USA FDA**  
**Code of Federal Regulations (CFR21) Section 177.1520 (Olefin**  
**Polymers).**

**Certificate no: 2017/5621A**

**Product Name:** 'EE-3914-AAH, EE-4811-AAH, EE-3916-AAH and EM-4810-AAH MDPE and HDPE Grades'

**Date of Issue:** 8 August 2017  
**Reviewed:** 14 March 2019

**SMP Reference No:** 17A12J6493

**Manufacturer/**

**Supplier:** EthydcO The Egyptian Ethylene and Derivatives Company  
36K, Alex-Cairo Desert Road, Elnahda - Amerya, Alexandria Egypt

Samples representative of the above products or closely related products have been found to comply with the following requirements, as specified section (c) 3.1a of the USA FDA Code of Federal Regulations CFR21 Section 177.1520 (Olefin Polymers).

- Maximum extractable fraction (expressed as percent by weight) of the polymer in n-hexane shall not exceed 5.5% at 50 °C.
- Maximum extractable fraction (expressed as percent by weight) of the polymer in xylene shall not exceed 30% at 25°C.

Additionally, Smithers Pira have carried out an audit of the formulation of the products and we conclude that all additives used in the formulation of these resins are approved for use under USA FDA Code of Federal Regulations CFR21 Sections 177.1520 and/or other applicable regulations contained in Parts 170 to 189 of these regulations.

**Accordingly, the above resins are in compliance with the requirements specified in the USA FDA Code of Federal Regulations CFR21 Sections 177.1520 (c) 3.1a and are suitable for use in articles that contact food, with the exception of articles that are used for packing or holding food during cooking.**

**Certified by:**



**Dr Alistair Irvine**  
**Manager, Food Contact Compliance**

**Food Contact Plastics**  
**Certificate of Conformity with the Test Requirements of USA FDA**  
**Code of Federal Regulations (CFR21) Section 177.1520 (Olefin**  
**Polymers).**

**Certificate no: 2019/5761**

**Product Name:** 'EE-5001-AAH and EE-5001-PAB HDPE Grades'

**Date of Issue:** 14 March 2019

**SMP Reference No:** 18A12J6859

**Manufacturer/**

**Supplier:** Ethydco The Egyptian Ethylene and Derivatives Company  
36K, Alex-Cairo Desert Road, Elnahda - Amerya, Alexandria Egypt

Samples representative of the above products or closely related products have been found to comply with the following requirements, as specified section (c) 3.1a of the USA FDA Code of Federal Regulations CFR21 Section 177.1520 (Olefin Polymers).

- Maximum extractable fraction (expressed as percent by weight) of the polymer in n-hexane shall not exceed 5.5% at 50 °C.
- Maximum extractable fraction (expressed as percent by weight) of the polymer in xylene shall not exceed 30% at 25°C.

Additionally, Smithers Pira have carried out an audit of the formulation of the products and we conclude that all additives used in the formulation of these resins are approved for use under USA FDA Code of Federal Regulations CFR21 Sections 177.1520 and/or other applicable regulations contained in Parts 170 to 189 of these regulations.

**Accordingly, the above resins are in compliance with the requirements specified in the USA FDA Code of Federal Regulations CFR21 Sections 177.1520 (c) 3.1a and are suitable for use in articles that contact food, with the exception of articles that are used for packing or holding food during cooking.**



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**Dr Alistair Irvine**  
**Manager, Food Contact Compliance**

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**Polymers).**

**Certificate no: 2017/5622A**

**Product Name:** 'EM-5333-AAH and EM-4925-AAH HDPE Blowmolding Grades'

**Date of Issue:** 8 August 2017

**SMP Reference No:** 17A12J6493

**Reviewed:** 14 March 2019

**Manufacturer/**

**Supplier:** Ethydco The Egyptian Ethylene and Derivatives Company  
36K, Alex-Cairo Desert Road, Elnahda - Amerya, Alexandria Egypt

Samples representative of the above products or closely related products have been found to comply with the following requirements, as specified section (c) 3.1a of the USA FDA Code of Federal Regulations CFR21 Section 177.1520 (Olefin Polymers).

- Maximum extractable fraction (expressed as percent by weight) of the polymer in n-hexane shall not exceed 5.5% at 50 °C.
- Maximum extractable fraction (expressed as percent by weight) of the polymer in xylene shall not exceed 30% at 25°C.

Additionally, Smithers Pira have carried out an audit of the formulation of the products and we conclude that all additives used in the formulation of these resins are approved for use under USA FDA Code of Federal Regulations CFR21 Sections 177.1520 and/or other applicable regulations contained in Parts 170 to 189 of these regulations.

**Accordingly, the above resins are in compliance with the requirements specified in the USA FDA Code of Federal Regulations CFR21 Sections 177.1520 (c) 3.1a and are suitable for use in articles that contact food, with the exception of articles that are used for packing or holding food during cooking.**



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**Polymers).**

**Certificate no: 2017/5620A**

**Product Name:** 'EM-3405-UVH Rotomolding HDPE Grade'

**Date of Issue:** 8 August 2017

**SMP Reference No:** 17A12J6493

**Reviewed:** 14 March 2019

**Manufacturer/**

**Supplier:** Ethydco The Egyptian Ethylene and Derivatives Company  
36K, Alex-Cairo Desert Road, Elnahda - Amerya, Alexandria Egypt

Samples of the above product have been found to comply with the following requirements, as specified section (c) 3.1a of the USA FDA Code of Federal Regulations CFR21 Section 177.1520 (Olefin Polymers).

- Maximum extractable fraction (expressed as percent by weight) of the polymer in n-hexane shall not exceed 5.5% at 50 °C.
- Maximum extractable fraction (expressed as percent by weight) of the polymer in xylene shall not exceed 30% at 25°C.

Additionally, Smithers Pira have carried out an audit of the formulation of the product and we conclude that all additives used in the formulation of this resin are approved for use under USA FDA Code of Federal Regulations CFR21 Sections 177.1520 and/or other applicable regulations contained in Parts 170 to 189 of these regulations.

**Accordingly, the above resin is in compliance with the requirements specified in the USA FDA Code of Federal Regulations CFR21 Sections 177.1520 (c) 3.1a and is suitable for use in articles that contact food, with the exception of articles that are used for packing or holding food during cooking.**



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**Polymers).**

**Certificate no: 2019/5760**

**Product Name:** 'EE-1801-AAH and EE-1802-AAH LLDPE Grades'

**Date of Issue:** 14 March 2019

**SMP Reference No:** 18A12J6859

**Manufacturer/**

**Supplier:** Ethydco The Egyptian Ethylene and Derivatives Company  
36K, Alex-Cairo Desert Road, Elnahda - Amerya, Alexandria Egypt

Samples representative of the above products or closely related products have been found to comply with the following requirements, as specified section (c) 3.1a of the USA FDA Code of Federal Regulations CFR21 Section 177.1520 (Olefin Polymers).

- Maximum extractable fraction (expressed as percent by weight) of the polymer in n-hexane shall not exceed 5.5% at 50 °C.
- Maximum extractable fraction (expressed as percent by weight) of the polymer in xylene shall not exceed 30% at 25°C.

Additionally, Smithers Pira have carried out an audit of the formulations of the products and we conclude that all additives used in the formulation of these resins are approved for use under USA FDA Code of Federal Regulations CFR21 Sections 177.1520 and/or other applicable regulations contained in Parts 170 to 189 of these regulations.

**Accordingly, the above resins are in compliance with the requirements specified in the USA FDA Code of Federal Regulations CFR21 Sections 177.1520 (c) 3.1a and are suitable for use in articles that contact food, with the exception of articles that are used for packing or holding food during cooking.**

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**Manager, Food Contact Compliance**

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**Code of Federal Regulations (CFR21) Section 177.1520 (Olefin**  
**Polymers).**

**Certificate no: 2017/5623A**

**Product Name:** *'bEE-4909-AAH and bEE-4906-AAH-AAH and EM-4925-AAH HDPE Grades'*

**Date of Issue:** 8 August 2017

**SMP Reference No:** 17A12J6493

**Reviewed:** 14 March 2019

**Manufacturer/**

**Supplier:** Ethydco The Egyptian Ethylene and Derivatives Company  
36K, Alex-Cairo Desert Road, Elnahda - Amerya, Alexandria Egypt

Samples representative of the above products or closely related products have been found to comply with the following requirements, as specified section (c) 3.1a of the USA FDA Code of Federal Regulations CFR21 Section 177.1520 (Olefin Polymers).

- Maximum extractable fraction (expressed as percent by weight) of the polymer in n-hexane shall not exceed 5.5% at 50 °C.
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Additionally, Smithers Pira have carried out an audit of the formulation of the products and we conclude that all additives used in the formulation of these resins are approved for use under USA FDA Code of Federal Regulations CFR21 Sections 177.1520 and/or other applicable regulations contained in Parts 170 to 189 of these regulations.

**Accordingly, the above resins are in compliance with the requirements specified in the USA FDA Code of Federal Regulations CFR21 Sections 177.1520 (c) 3.1a and are suitable for use in articles that contact food, with the exception of articles that are used for packing or holding food during cooking.**

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**Code of Federal Regulations (CFR21) Section 177.1520 (Olefin**  
**Polymers).**

**Certificate no: 2017/5618A**

**Product Name:** 'EE-1801-AAB, EE-1802-AAB, EE1801-BSB, EE-1802-BSB and EM-2420-AAB LLDPE Grades'

**Date of Issue:** 8 August 2017  
**Reviewed:** 14 March 2019

**SMP Reference No:** 17A12J6493

**Manufacturer/**

**Supplier:** EthydcO The Egyptian Ethylene and Derivatives Company  
36K, Alex-Cairo Desert Road, Elnahda - Amerya, Alexandria Egypt

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**Polymers).**

**Certificate no: 2017/5619A**

**Product Name:** 'EE-6308-UV, EM-5204UVH and EM-5420-AAH HDPE Grades'

**Date of Issue:** 8 August 2017

**SMP Reference No:** 17A12J6493

**Reviewed:** 14 March 2019

**Manufacturer/**

**Supplier:** EthydcO The Egyptian Ethylene and Derivatives Company  
36K, Alex-Cairo Desert Road, Elnahda - Amerya, Alexandria Egypt

Samples representative of the above products or closely related products have been found to comply with the following requirements, as specified section (c) 3.1a of the USA FDA Code of Federal Regulations CFR21 Section 177.1520 (Olefin Polymers).

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