



**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: 2026/6109**

**Product Name:** 'EM-5525-AAH, EM-5333-AAH and EM-4925-AAH HDPE Blowmolding Grades'

**Date of Issue:** 30 January 2026

**Smithers Reference No:** 25J8512

**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 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: Allison Chambers**  
**Principal Chemist, Food Contact Testing**