

Project Number: 21/EA/06/31
Date Requested: 18 June 2021

Client: Parker Hannifin Ltd

Project Title: Compliance Testing of Product Contact Materials

Material Analysis Certificate

Version: 01

Introduction:

Seven product contact materials for a Oil Vapour Removal Filter were received for compliance testing to:

FDA CFR Title 21 Part 177 “Indirect Food Additives – Polymers”.

Methods of Analysis:

1. The infra red spectra of the polymeric materials were recorded by FT-IR spectroscopy with a uATR accessory to confirm material identification.
2. Thermograms were recorded on thermally conditioned specimens of samples using a Differential Scanning Calorimeter (DSC).
3. 21CFR 177 Indirect food additives non-volatile residue on extractions.

This report covers components used specifically for OIL-X Grade OVR Oil Vapour Reduction Filters.

(Reference appendix for test result details.)

Conclusion:

All samples met 21CFR 177 Indirect food additives: Polymer’s test specifications.

Report Author: D J H Edwards



Position: Principal & Director

Date: 30 June 2021



