



The polymer manufacturer:
Victrex Manufacturing Limited
Hillhouse International
Thornton Cleveleys
Lancashire FY5 4QD
United Kingdom

Version: Mercosur FG glass grades 2019
Date: 20th March 2019
Next review: March 2022

**Mercosur Declaration of Compliance for VICTREX FG™ grades:
120; 121; 220; 221 intended to be used in the manufacture of materials and articles intended to come into contact with food.**

The VICTREX FG grades listed above comply with the relevant requirements as detailed in:

- Mercosur GMC/RES No 32/10 - Technical Regulation on Migration from Plastic Materials, Packaging and Equipment intended to come into contact with Food.
- Mercosur GMC/RES No 02/12 - Technical Regulation on positive list of monomers, other starting substances and polymers authorised for the manufacture of food contact plastic packaging and equipment.
- Mercosur GMC/RES No 32/07 - Positive List of Additives for Plastic Materials intended for the manufacture of Food Contact Packaging and Equipment.

The polymer contains monomers which are regulated with a specific migration limit (SML) as defined in GMC RES No 02/12.

Table1. Monomers with SML's

Monomers	CAS	REF	LIMIT GMC/RES No 02/12
4,4' DIFLUOROBENZOPHENONE	345-92-6	15820	0.05 mg/kg
1,4-DIHYDROXYBENZENE	123-31-9	15940	0.6 mg/kg



Migration tests on a number of VICTREX FG polymer grades have been performed according to Mercosur GMC/RES No 32/10 on specially fabricated test specimens by an independent laboratory showed that under the following conditions the specific migration limits were not exceeded.

Table 2. Simulants and Conditions (Contact time and temperatures)

Simulant	Time(s) / Temperature(s)
10% v/v aqueous ethanol	4 hours reflux repeat use
3% w/v aqueous acetic acid	4 hours reflux repeat use
Fat simulant	2 hours at 175°C repeat use

Glass Fibre is listed, with 'No restrictions', in GMC/RES No 32/07 Appendix I (list of Additives)

The suppliers of the glass fibre used in the manufacture of VICTREX FG glass fibre filled grades confirms that the glass sizing substances are listed the Commission Regulation (EU) No 10/2011 and the glass sizing substances are also subject to specific migration limits.

An independent laboratory has confirmed by a risk assessment carried out on behalf of Victrex Manufacturing Ltd on their VICTREX FG glass fibre filled grades with up to a 60% w/w loading, that the glass sizing used meets the Specific Migration Limit (SML) requirements specified in the Commission Regulation (EU) No 10/2011 for plastics intended to contact food.

The suppliers of the carbon black used in the manufacture of VICTREX FG black pigmented grades have provided documentation confirming that it meets the purity requirements as defined in GMC/RES No 32/07 Appendix I (list of Additives) for carbon black CAS No 1333-86-4.

Compliance with the total migration limits and specific migration limits of the Mercosur GMC/RES regulations can only be demonstrated by tests carried out on the final article.

Signed: 

Michael Hughes
Product Steward – Victrex Manufacturing Ltd

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