

Biocompatibility

ARPRO Black meets biocompatibility standards according to ISO 10993-1, for a surface device in contact with intact skin.

Tests performed on: ARPRO Black at a moulded density of 50g/l. Test samples are sterilised at 121°C.

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| Cytotoxicity | ISO 10993-05 | ARPRO is considered non-cytotoxic. The extracts of moulded ARPRO caused no toxicological / biological critical cell damage or growth inhibition. |
| Skin irritation | ISO 10993-10 | ARPRO is considered non-irritant. The extracts of moulded ARPRO caused no skin irritation. Primary Irritation Index recorded at 0, the lowest level. |
| Skin sensitisation | ISO 10993-10 | ARPRO is a non-sensitiser. No sensitising effects could be detected. |

ARPRO has been approved in the three most stringent countries (UK, France and Germany) for safe water drinking.