HEALTH & SAFETY CERTIFICATION OVERVIEW

SOLVENT:
FA326

This document lists our existing certifications and quality standards. For original certifications please get in touch with your AMT representative.

BIOCOMPATIBILITY

✔ CYTOTOXICITY according to ISO Guidelines 10993-5: (2009)[2,3,5,6,7] 10993-1: (2010), 10993-12: (2012)[2]

Performed tests confirm that parts vapor smoothed with AMT vapor smoothing systems did not cause a cytotoxic effect.

✔ SKIN IRRITATION according to ISO Guidelines 10993-10 (2013)[3,4,5,7] 10993-1 (2018) & OECD TG 439[3]

This certificate confirms that tested parts vapor smoothed with AMT vapor smoothing systems did not induce a skin irritation effect.

✔ SKIN SENSITIVITY according to ISO Guidelines 10993-10 (2013)[3,4]

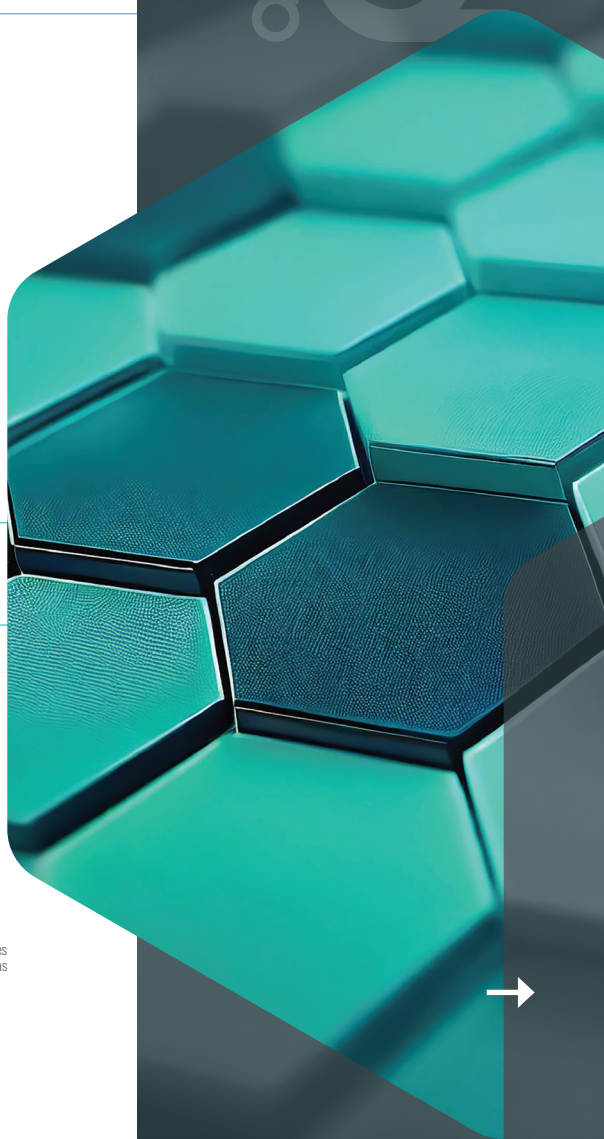
✔ HEMOLYSIS according to ISO Guidelines 10993-4[5]

✔ ANTIBACTERIAL ACTIVITY according to ISO Guidelines 22196(2011)[2]

✔ AQUATIC/ACUTE TOXICITY according to ISO Guidelines 11348-3[2]

✔ SKIN SENSITIZATION according to EC No. 440/2008[3]

Performed tests confirm that tested parts vapor smoothed with AMT vapor smoothing systems have shown to have no skin sensitization potential.



1 AMT is providing this information to assist customers. It is the responsibility of each customer to determine that its particular use of AMT's post-processing is safe and technically suitable to the customer's intended applications and consistent with the relevant regulatory requirements applicable to the customer's final product. The only warranties for AMT products and services are outlined in the express warranty statements accompanying such specific products and services. Nothing herein should be construed as constituting an additional warranty. AMT shall not be liable for technical or editorial errors or omissions contained herein.

Tests performed on:
2 HP MJF PA12 3 SLS PA2200 4 BASF Ultrasint TPU01 5 HP MJF PA11 6 RICOH PP S5500P 7 Lubrizol TPU

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✔ MICROBIOLOGICAL TEST on MRSA Bacteria passed according to MOD ISO 22196: 2011[2]

The certificate confirms that the tested parts vapor smoothed with AMT vapor smoothing systems showed a reduction of bacterial growth quantified as 99.88% against MRSA.

✔ MICROBIOLOGICAL TEST on E.coli Bacteria passed according to MOD ISO 22196: 2011[2]

The certificate confirms that the tested parts, vapor smoothed with AMT vapor smoothing systems, showed a reduction of bacterial growth quantified as 99.78% against E. coli.

✔ AQUATIC TOXICITY according to ISO 11348-3[2]

This standard confirms that tested parts, vapor smoothed with with AMT vapor smoothing systems did not show a detectable aquatic toxicity.

FLAMMABILITY

✔ Conforms according to FMVSS302[2]

FOOD CONTACT

✔ Approved for FOOD CONTACT according to regulation (EC) 10/2011[3]

The outcomes of the conducted tests show that there was no migration of substances from the tested vapor-smoothed parts to the food contact material, confirming their compliance with food contact standards.

Tested parts treated with AMT PostPro vapor smoothing systems were safe for consumers and did not compromise the quality of food.

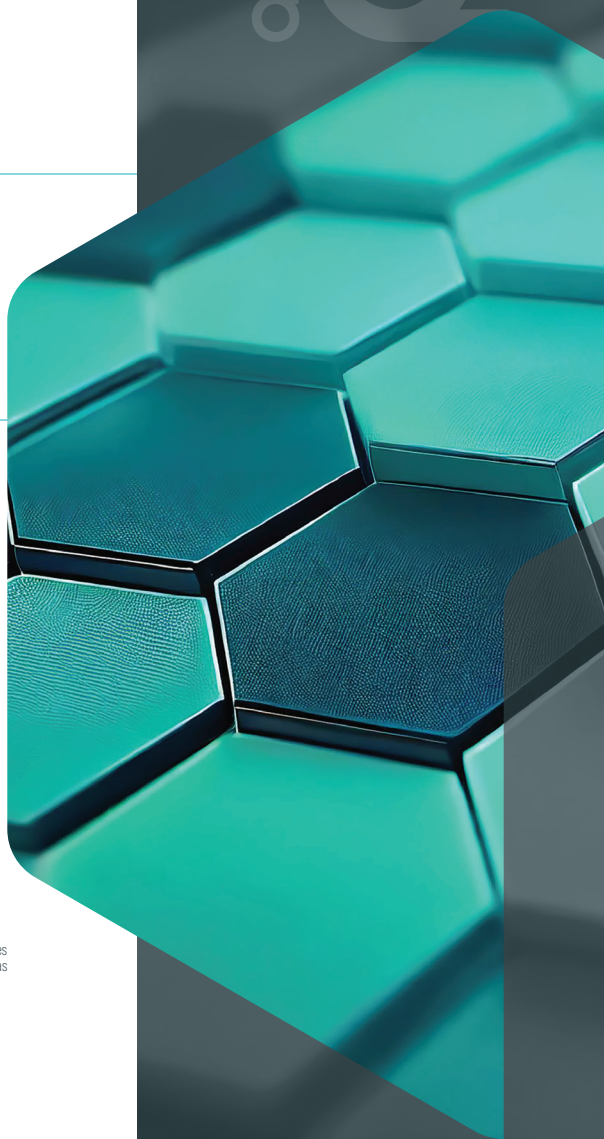
STATEMENTS

REACH (REGISTRATION, EVALUATION, AUTHORIZATION OF CHEMICALS)

✔ REACH Regulation EC 1907/2006

ROHS (RESTRICTION OF HAZARDOUS SUBSTANCES)

✔ 2011/65/EU and amendment 2015/863



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