

**Company**      **Endress+Hauser Wetzler GmbH+Co. KG, Obere Wank 1, 87484 Nesselwang**

being the manufacturer, declares that the “Product contact materials“ of the products

**Product**      TM311, TM371, TM372, TM401, TM402, TM411, TM412, TT411, TT412, TE411, TK40  
TMR35, TTR35, DTT35

Material	Order codes	Product contact parts
316L	TM311: 050: A0, A3, G1, G2, G3, G4, G5, G7, B2, B3, B4, B5, C1, C2, D1, D2, D3, E1, E2, E3, E4, H1, H2, J1, J2, J3, KA, K1, L1, L2, L3, N1, N2, N3, UA, UB, UC, UD, UE, U0, U1, U2, U3, U4, U5, U6, U7, U8, VA, VB, VC, VD, VE, V0, V1, V2, V3, V4, V5, V6, V7, V8 TM371: 030: A0, A3, B1, B2, B3, B4, B5, C1, C2, D1, D2, D3, D4, D5, E1, E2, E3, E4, F1, F2, H1, H2, J1, J2, J3, KA, K1, L1, L2, L3, M1, M3, N1, N2, N3, Q1, Q2, Q3, UA, UB, UC, UD, UE, U0, U1, U2, U3, U4, U5, U6, U7, U8, VA, VB, VC, VD, VE, V0, V1, V2, V3, V4, V5, V6, V7, V8 TM372: 030: A0, B1, B2, B3, C2, D1, D2, D3, D4, D5, J1, J2, J3, L1, L2, L3, U6, U7, U8, V6, V7, V8 TM401: 040: A0, A3, A4, A6, C1, C2, D1, D2, D3, E1, E2, E3, E4, H1, H2, J1, J2, J3, L2, L3, N1, N2, N3 TM402: 030: C2, D1, D2, D3, J1, J2, J3, L2, L3	Process connection, Thermowell

316L	<p>TM411: 050:  A0, A3, B1, B2, B3, B4, B5,  C1, C2, D1, D2, D3, D4, D5,  E1, E2, E3, E4, F1, F2, H1,  H2, J1, J2, J3, KA, K1, L1, L2,  L3, M1, M3, N1, N2, N3, Q1,  Q2, Q3, UA, UB, UC, UD, UE,  U0, U1, U2, U3, U4, U5, U6,  U7, U8, VA, VB, VC, VD, VE,  V0, V1, V2, V3, V4, V5, V6,  V7, V8</p> <p>TM412: 040:  A0, B1, B2, B3, C2, D1, D2,  D3, D4, D5, J1, J2, J3, L1, L2,  L3, U6, U7, U8, V6, V7,</p> <p>V8TT411: 050:  A0, B1, B2, B3, B4, B5, C1,  C2, D1, D2, D3, D4, D5, E1,  E2, E3, E4, F1, F2, H1, H2,  J1, J2, J3, KA, K1, L1, L2, L3,  M1, M3, N1, N2, N3, Q1,  Q2, Q3, UA, UB, UC, UD, UE,  U0, U1, U2, U3, U4, U5, U6,  U7, U8, VA, VB, VC, VD, VE,  V0, V1, V2, V3, V4, V5, V6,  V7, V8</p> <p>TT412: 040:  B1, B2, B3, C2, D1, D2, D3,  D4, D5, J1, J2, J3, L1, L2, L3,  U6, U7, U8, V6, V7, V8</p> <p>TE411: 520:  C6</p> <p>TK40: 050:  C</p> <p>TMR35: 050:  AB, AC, AD, DB, DL, DM, DP,  HL, KA, LB, LL, MB, PG, PH,  PL</p> <p>TTR35: 070:  DB, DL, DP, HL, LB, LL, MB,  PG, PH, PL</p> <p>DTT35: 070:  DB, DL, HL, LB, LL, MB, PG,  PH, PL</p>	<p>Process connection,  Thermowell</p>
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are in conformity with following Chinese Regulations:

**Regulations** Products comply with GB 4806.1-2016 "National Food Safety Standard: General Safety Requirements for Food Contact Materials and Products", GB 9685-2016 "National Food Safety Standard: Standard for Uses of Additives in Food Contact Materials and Articles" and GB 4806.9-2023 "National Food Safety Standard: Food Contact Metal Materials and Products", for the relevant requirements of this product.

**Conditions**    **For food contact use in accordance with product specifications.**

**Specifications for intended use or limitations:**

Type of food or procedures the material is suitable for:

All kinds of food (Aqueous, acid, alcoholic, lacteal, fatty and oily food)

Duration and temperature of treatment and storage for contact with food:

Repeated use: TM = 240 °C

Relation of surface in contact with food and volume, the conformity of the material or articles is based upon:


For each component different, hence consideration on product range.

**Simulants and test conditions:** see Annex for details

Traceability of product in accordance with Regulation GB 31603-2015 is assured by means of serial number on sensor.

This is to emphasize that the customer is obliged to test the products with regard to its suitability in the application. This declaration of compliance is exclusively valid for the listed products in delivery status and the validity of this document expires 3 years after the date of issue.

Nesselwang, 01.04.2026  
Endress+Hauser Wetzlar GmbH+Co.KG

  
ppa. Harald Müller  
Director Technology

  
i.V. Bernd Kunert  
Head of Division Quality Management

**Annex I:**

*Content of metal impurities*

Test	Restriction and Requirement	Assessment	Requirement source	Test Method
Arsenic (As), %	≤0.01	Pass	GB 4806.9-2023	Q/DPTC-ZL-3-F-348
Cadmium (Cd), %	≤0.01	Pass		
Lead (Pb), %	≤0.01	Pass		

*Physicochemical index*

Test	Restriction and Requirement	Assessment	Requirement source	Test Method, Test condition
Migration of metal impurities			GB 4806.9-2023	GB 31604.49-2023 2 <sup>nd</sup> chapter 1 <sup>st</sup> method
Arsenic (As), mg/kg	≤0.002	Pass		
Cadmium (Cd), mg/kg	≤0.002	Pass		
Lead (Pb), mg/kg	≤0.01	Pass		
Antimony (Sb), mg/kg	≤0.04	Pass		

*Physicochemical index*

Test	Restriction and Requirement	Assessment	Requirement source	Test Method, Test condition
Migration of alloy components			GB 4806.9-2023	GB 31604.49-2023 2 <sup>nd</sup> chapter 1 <sup>st</sup> method
Chromium (Cr), mg/kg	≤0.25	Pass		
Manganese (Mn), mg/kg	≤2.0	Pass		
Molybdenum (Mo), mg/kg	≤0.12	Pass		
Nickel (Ni), mg/kg	≤0.14	Pass		