


Collection of Methods for Sensory Testing of Food Contact Materials

Name	Disposable single use cups, party cups
Family	Food contact material for food consumption – cold / hot
Sample Images	
Definition	Single use cups which are provided for hot and cold beverages and from which the beverages are consumed directly
Typical materials	Single use cups for cold beverages: polystyrene / foamed polystyrene; polypropylene; cardboard, coated; printed / unprinted
Possible odours	styrene, oxidized polyolefin, printing ink, cardboard
Sample preparation	none
Preliminary test	Evaluation of odour (according to DIN 10955)
Sensory testing conditions (compliance test)	<ul style="list-style-type: none"> – wetting contact with water <ul style="list-style-type: none"> ○ fill completely with water ○ 6 h, room temperature, water (cold contact) ○ 2 h, 70 °C, water (hot contact), as alternative: fill in boiling water, let cool to RT for 2h sensory testing of water (odor and tasting), if accessories (e.g. lid, drinking straw) are provided the complete cups including accessories is tested
Miscellaneous	Contact conditions (amount and type of food simulants, time and temperature of contact) shall be indicated in the test report