

Fact bite #44



Database of MNPs from Food Contact Materials (FCMiNo)



FCMiNo

Micro- and Nanoplastics
from Food Contact Materials

1/6
→



Food
Packaging
Forum

FCMiNo provides an overview of micro- and nanoplastics (MNPs) that have been detected in foodstuffs or food simulants in contact with all types of plastic food contact articles (FCAs).

2/6
→

The normal and intended use of plastic FCAs including food packaging and food processing equipment is a source of MNPs into food.

3/6
→

The most studied articles are plastic bottles. The most studied material is (recycled) PET, followed by polypropylene.

4/6
→



Food
Packaging
Forum

Fact bite #44
FCMiNo

Highly reliable data on MNP migration from FCAs into food are scarce. Most published scientific studies currently available are not designed to identify the origins of MNPs in foodstuffs.

5/6
→

This calls for a harmonized testing and reporting approach, as well as for a systematic characterization of material- and use-related MNP releases. By mandating MNP migration testing for FCAs, regulations could help to better protect human health.

6/6