

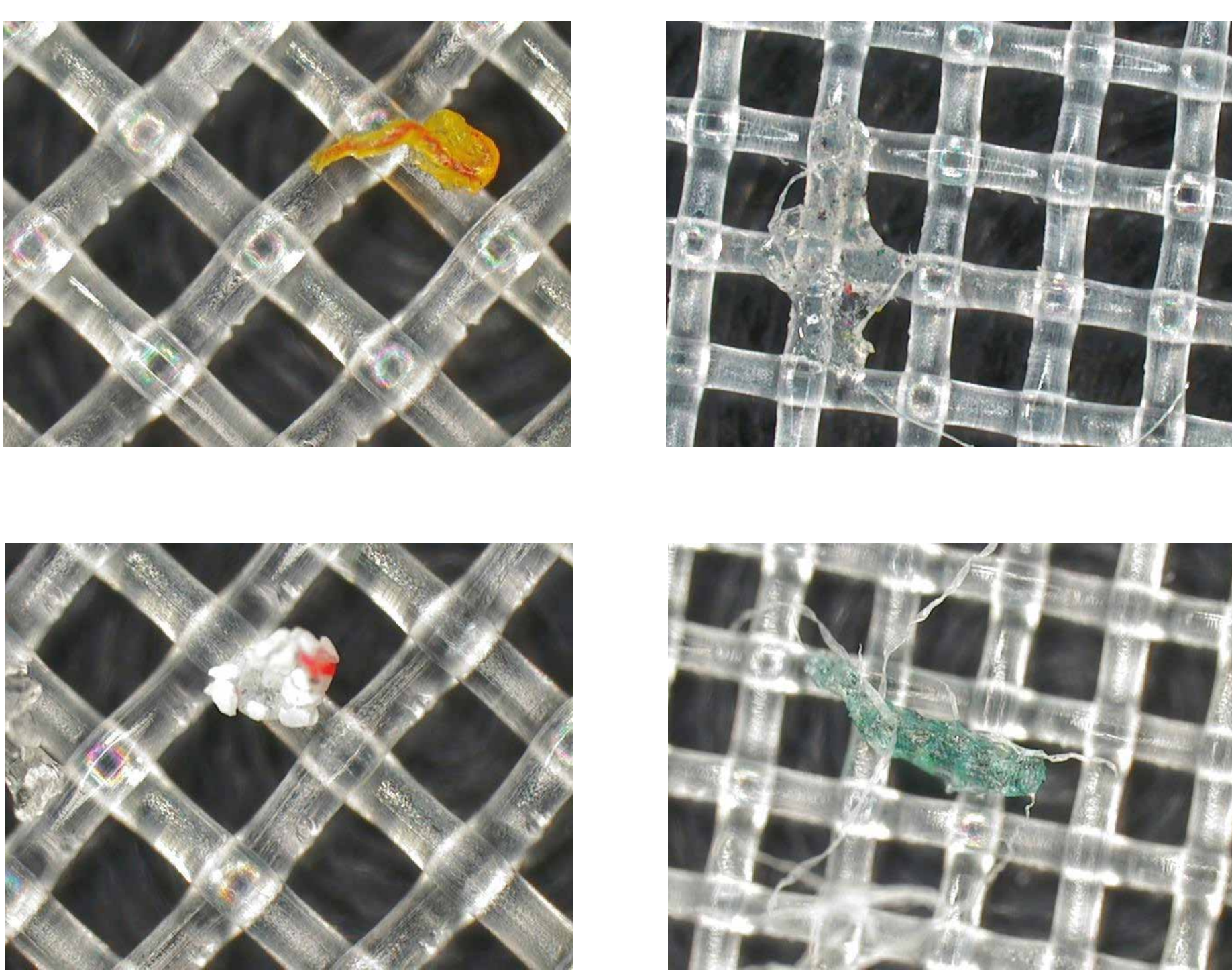
3D STICK

NEW METHOD FOR MACROSTIKIES MEASUREMENT

TOWARDS REDUCED DISTURBANCE

Stickies particles

- » Most harmful mini-stickies : mainly mini PSA :
Pressure Sensitive Adhesives



Ingede Method #4



- » Pressing
- » No 3D info
- » No information on nature
- » Time consuming

3D STICK : Contaminants morphology » Laser triangulation

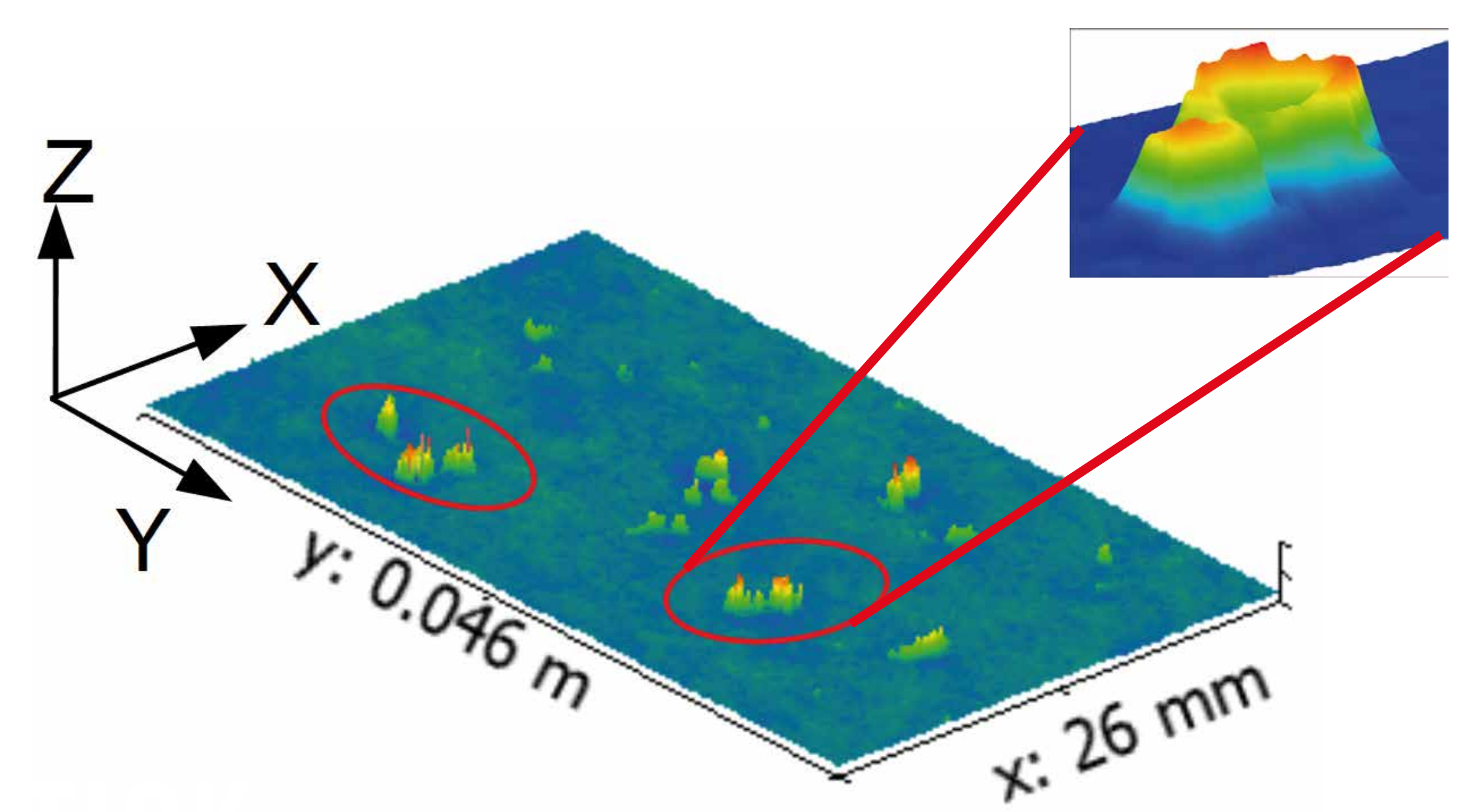


3D STICK : Stickies identification

- » Near Infrared Spectroscopy (NIRS)

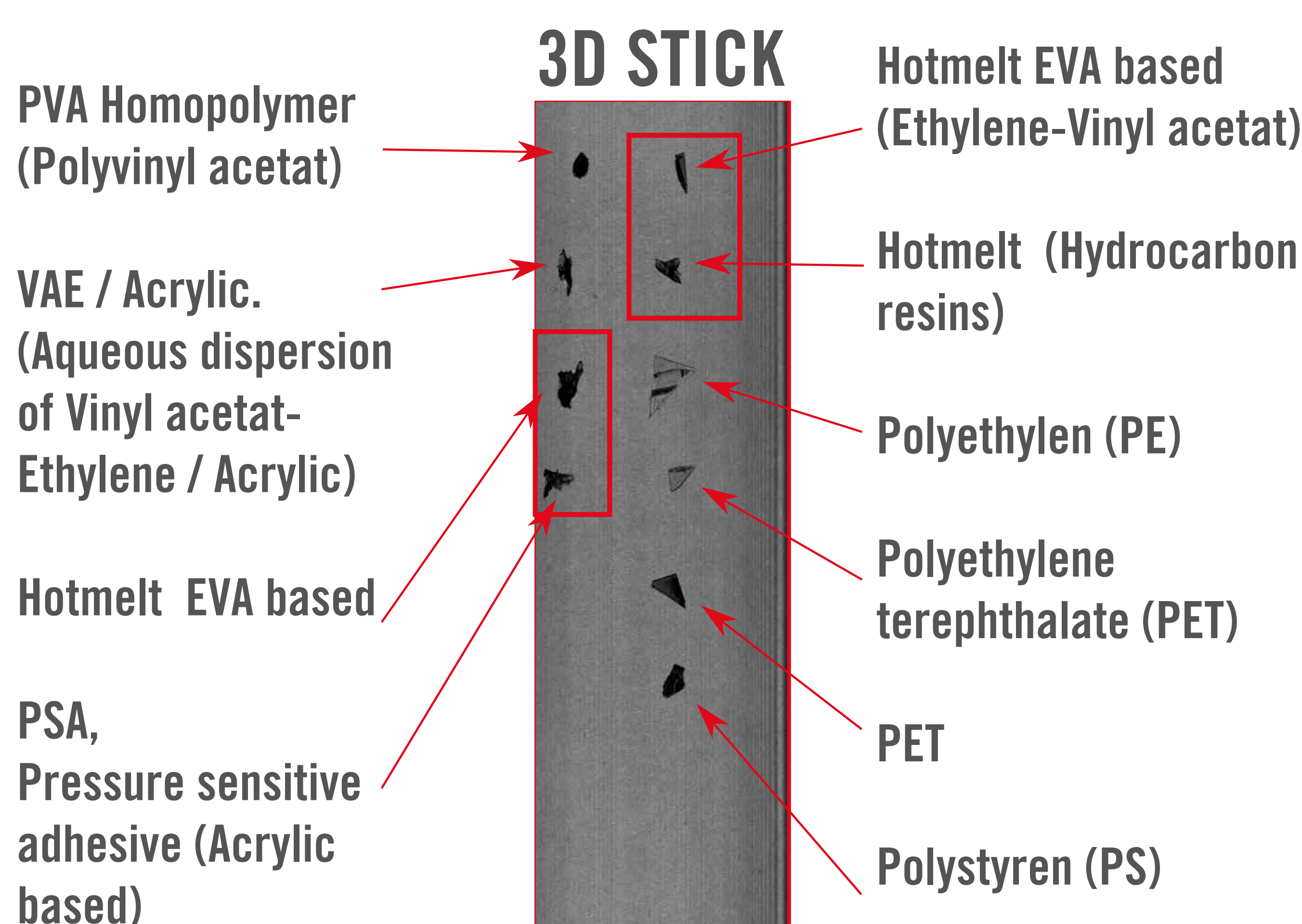
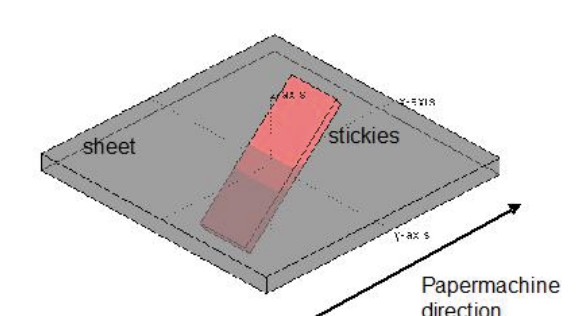
3D STICK :

- » Fast measurement (20 min)
- » Correlates with **INGEDE #4** and more...

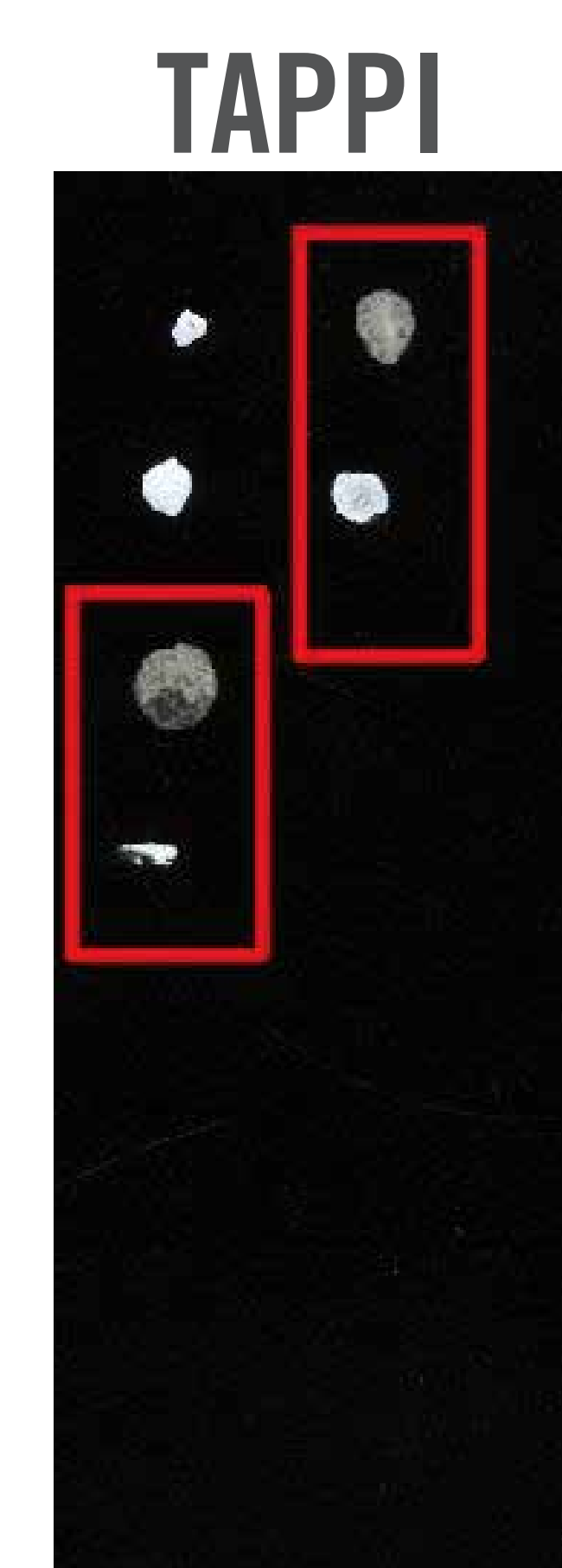


3D STICK :

- Richer information :
 - » 3D morphology
 - » Macro-contaminants classified by their chemical nature
 - » Not restricted to stickies (plastics)
- Non-contact method :
 - » Stickies are not pressed
 - » Real size is measured
 - » Link to Exposure Index



FULL INFORMATION



MINIMUM INFORMATION