**Zotefoams plc / N3Cure / GEW meeting (01/10/2024)**

***Attendees:***

***Zotefoams plc:*** *Paul Jacobs, Aleksandra Gorna*

***N3Cure:*** *Yoram Ben Ari (CEO), Ofir Tal (R&D Manager), Shai Gerty (CTO)*

***GEW****: Ryan Turner (R&D Manager)*

***Zotefoams plc (ZF) / N3Cure / GEW meeting minutes***

* Zotefoams PP was presented by Aleksandra.
* Test results were discussed.
* A plan for the next steps has been agreed.

***PP Zotefoams***

* Comparison of different polymers for UV light transmission @ 365 nm bellow 2 mm: PE 31%, PEBA 25%, PVDF 2.5%, TPE 0.5%. All polymers showed an increase in UV transparency when the wavelength is higher.
* When trying to see what the % of UV light @ 365 nm go through the bulk of polymers under 15 mm: PE showed 50%, PVDF about 14.3% PEBA data corrupted. TPE close to zero.
* When trying to foam the samples only the PE showed good results. TPE only the skin was crosslinked. PEBA didn't foamed and showed increased temp. during irradiation. PVDF didn't show any foaming after irradiation.

***Actions***

1. Check higher wavelength 395-405 nm.
2. Try to have different carrier for the Crossitol then EMA more competible.
3. What grade of TPE is used by Zotefoams, we would prefer a polyolefin-based material.
4. PEBA investigate what is stopping the crosslinking process.