

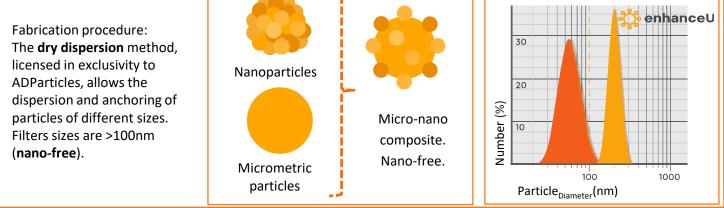
Innovative nano-free mineral UV filters for cosmetic formulations

ADParticles presents two lines of **nano-free mineral filters**, **EnhanceU** & **EffectiveU**, to face main challenges in sunscreen cosmetics market: high SPF, broad-spectrum protection and photostability.

Our innovative ingredients can be used in

- sun care formulations
- color cosmetics with protection

Sun Filters	INCI	Туре	Recommended use	Characteristics UVA/UVB, λcrit
र्हुः effectiveU-T NEW	Titanium dioxide, silica	Sun care	SPF 10-25	≥ 0.8, 380 nm
တ္တိုး enhanceU -s	Titanium dioxide, zinc oxide, silica	Sun care	SPF 30-50	≥ 0.7, 380 nm
୍ଦ୍ପିଂ enhanceU -T	Titanium dioxide, silica	Sun care	SPF 30-50	≥ 0.7, 380 nm
တ္တိ enhanceU -T-light	Titanium dioxide, iron oxide, silica	Sun care with color	SPF 30-50	≥ 0.6, 380 nm
တ္ထိ enhanceU -T-medium	Titanium dioxide, iron oxide, silica	Sun care with color	SPF 30-50	≥ 0.6, 380 nm
တ္လို enhanceU -T-warm	Titanium dioxide, iron oxide, silica	Sun care with color	SPF 30-50	≥ 0.6, 380 nm
			Nanometric ↔ Nano-free	



New structures are obtained where the light access to smaller particles in the filter is facilitated. An increase in the SPF final formulation is achieved.

EnhanceU and EffectiveU are commercialised under a patent license agreement with the Spanish National Research Council (CSIC). Advanced Dispersed Particles. All rights reserved.



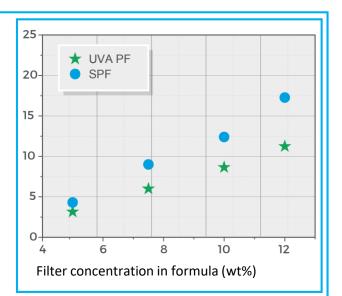
Nano-free mineral UV filter that provides broad spectrum protection, with an important covering of UVA region.

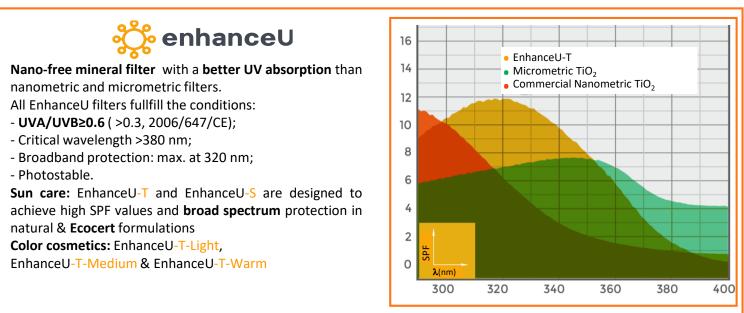
UV absorption spectrum characteristics:

- UVA/UVB≥0.8 (>0.3, 2006/647/CE);
- Critical wavelength >380 nm;
- Broadband protection: maximum at 340 nm;

- Photostable.

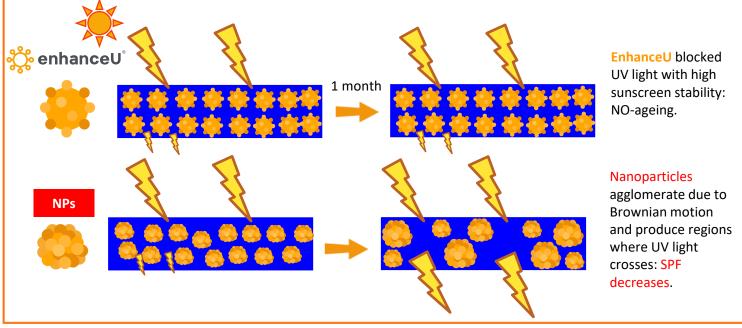
It may be used in combination with other filters & SPF boosters, in sun creams or in daily creams with protection.





Combine color with sun protection. Ideal for Ecocert BBcreams, CCcreams & colored sunscreens!

High SPF & Stability: EnhanceU-T filter has shown **higher SPF and stability than nanoparticles, NPs,** (commercial Nanometric filter, same INCI) in a formula with same concentration (12% wt, SPF 30; 15% wt, SPF 50; *in vitro* measurements).



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