



Masterbatch BLANCOS & NEGROS

Conoce sus *funcionalidades* y el porqué son elementales para la industria del plástico.



Masterbatch
BLANCOS
Elementales
y funcionales





TiO₂

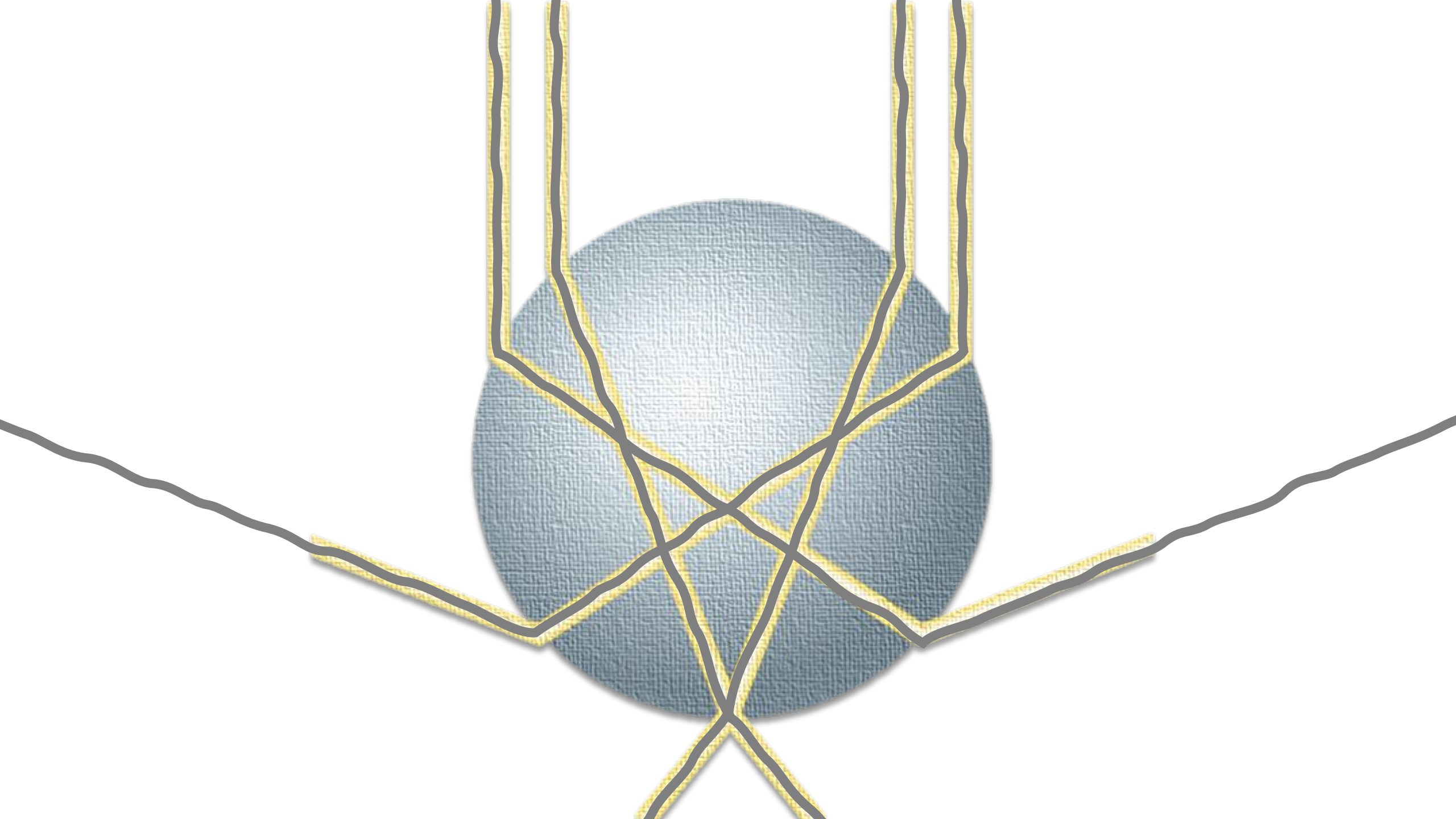
CAS # 13463-67-7



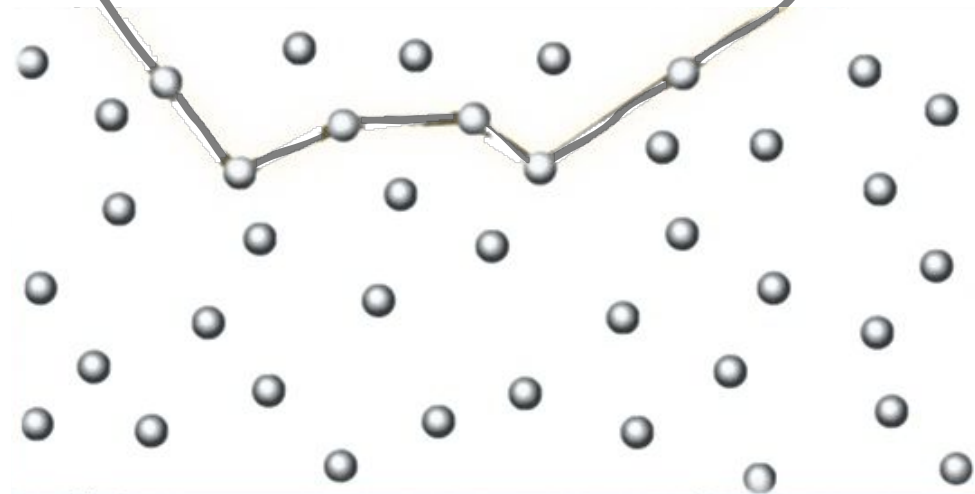


IR

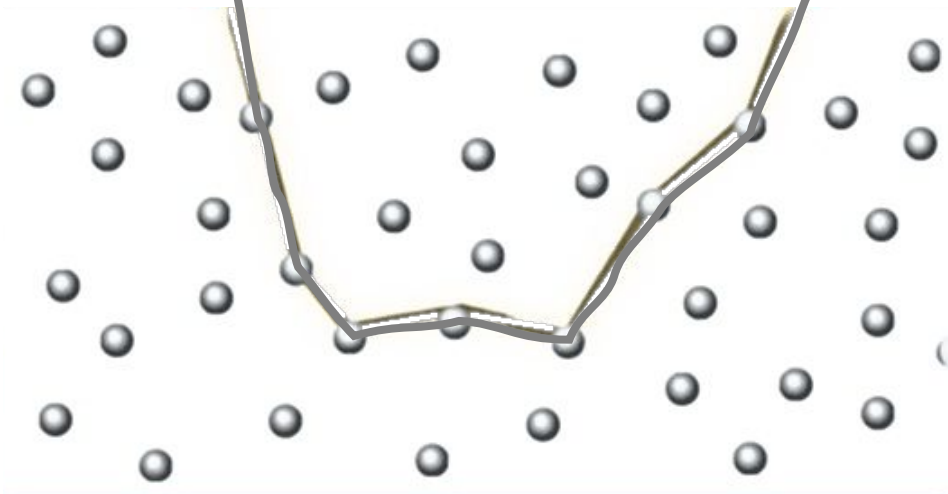




+IR



-IR



+IR

-IR



TiO₂

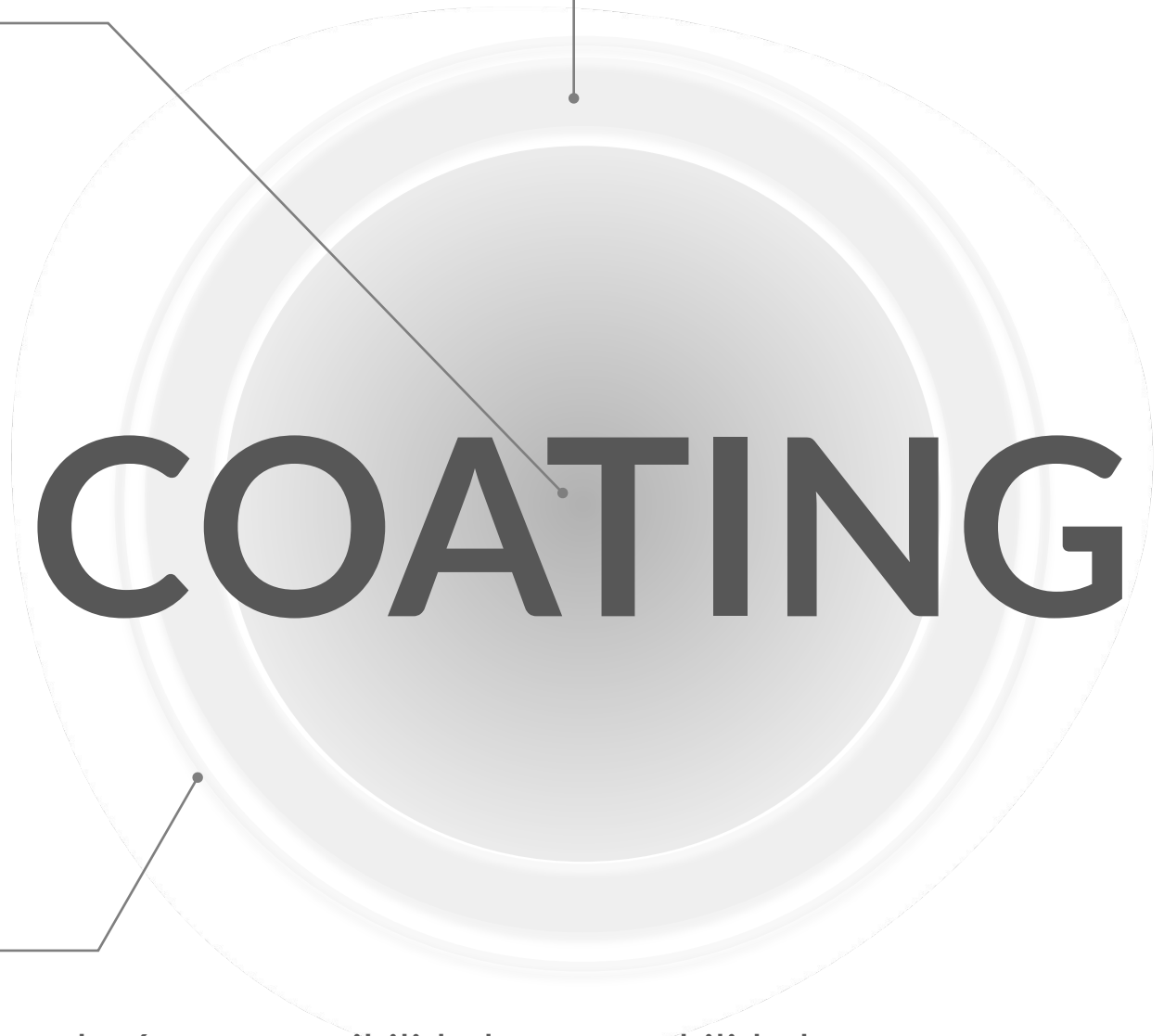
Inorgánico

Decoloración--humedad/lacing--intemperismo

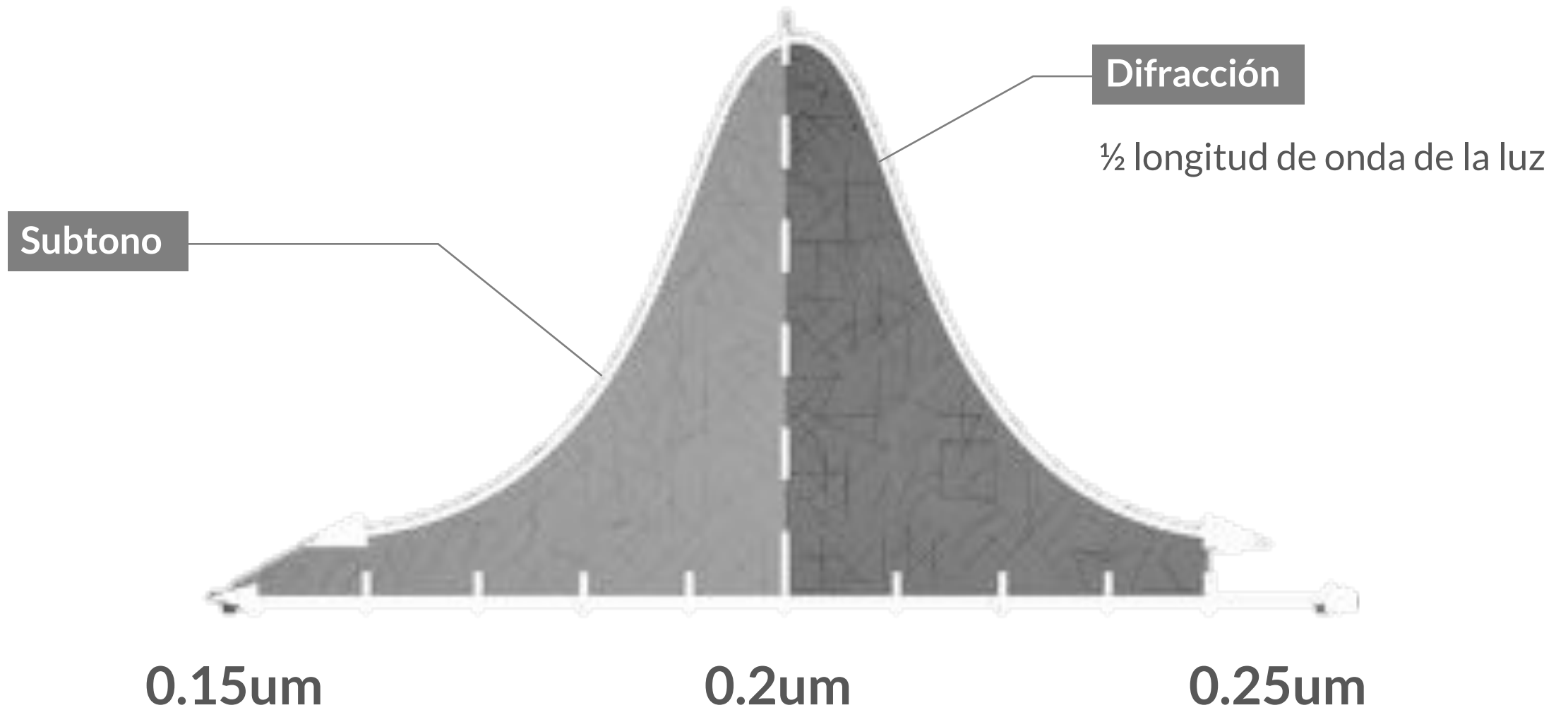
COATING

Orgánico

Dispersión—reología—compatibilidad--procesabilidad

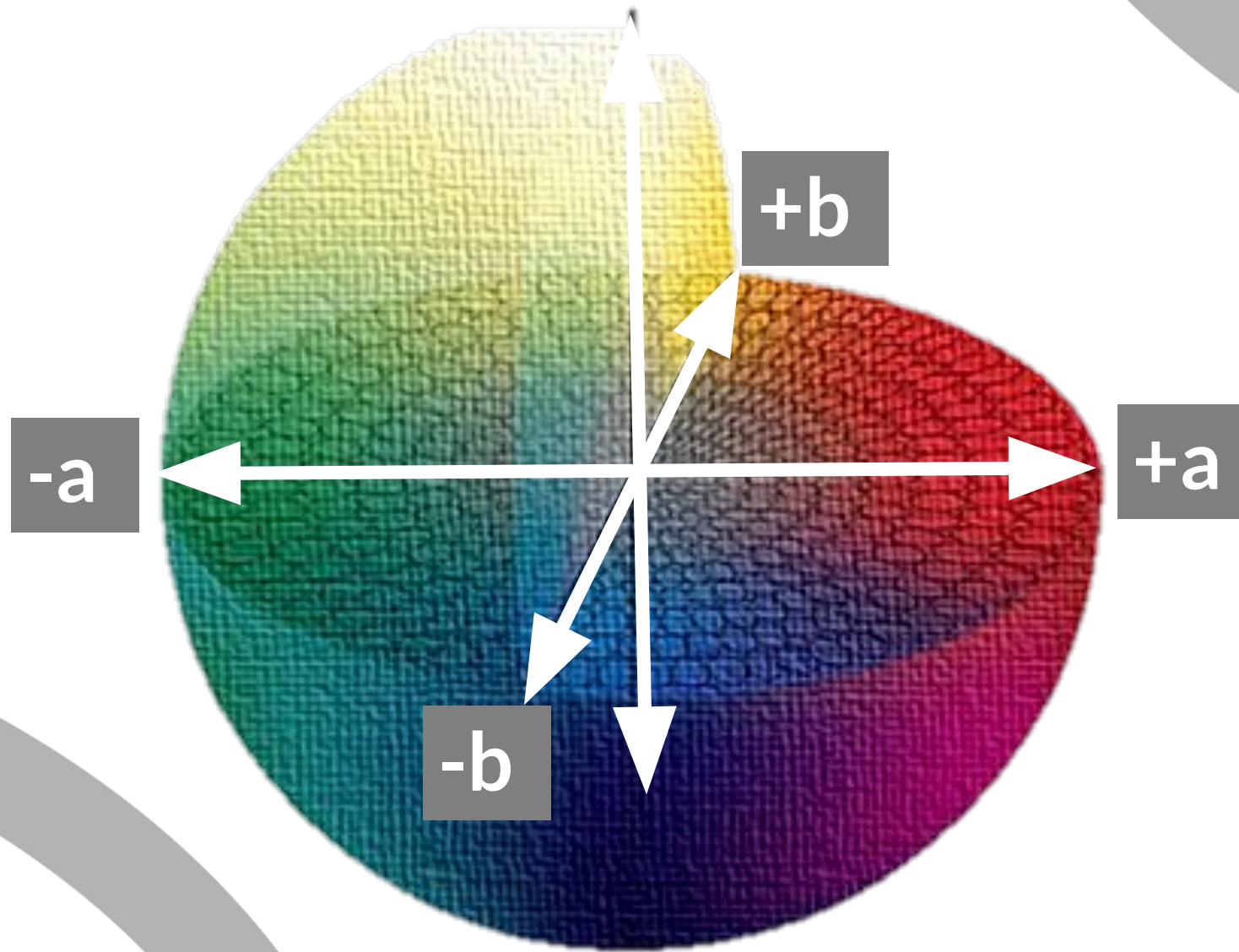


TAMAÑO



SUB TONO







4.2g/cm³

DENSIDAD

CCA

MERCOSUR

FDA



EU

INVIMA



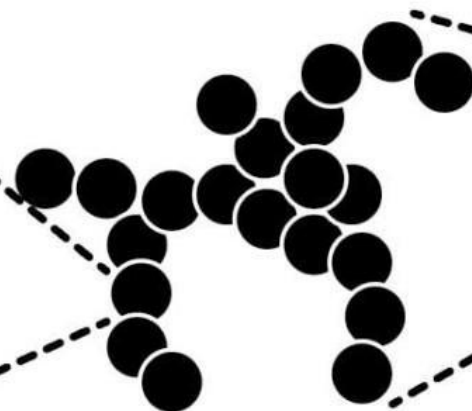
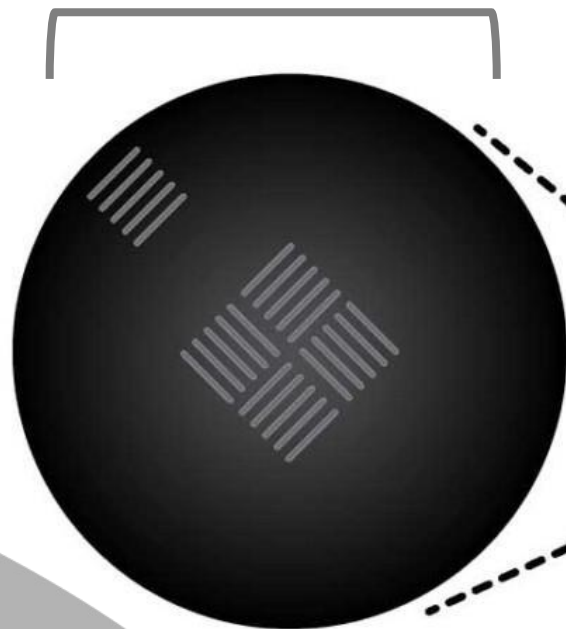
Masterbatch

NEGROS

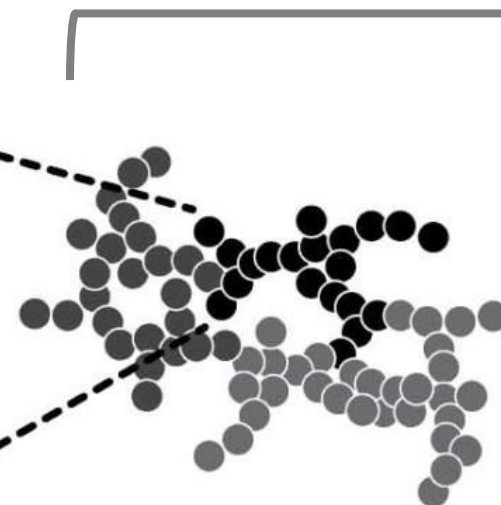
Elementales
y funcionales

Partícula primaria

19nm - 50nm

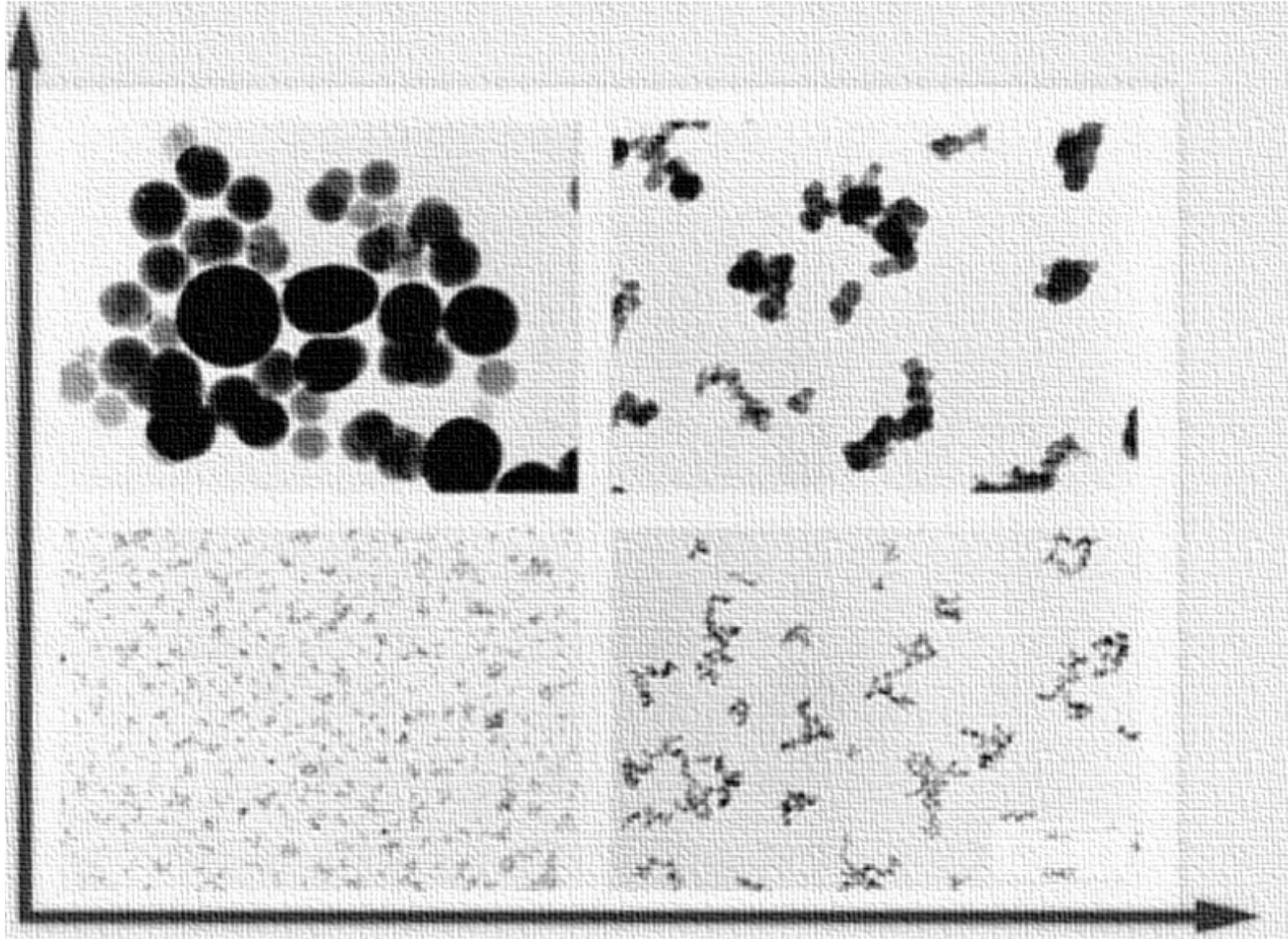


Aglomerado



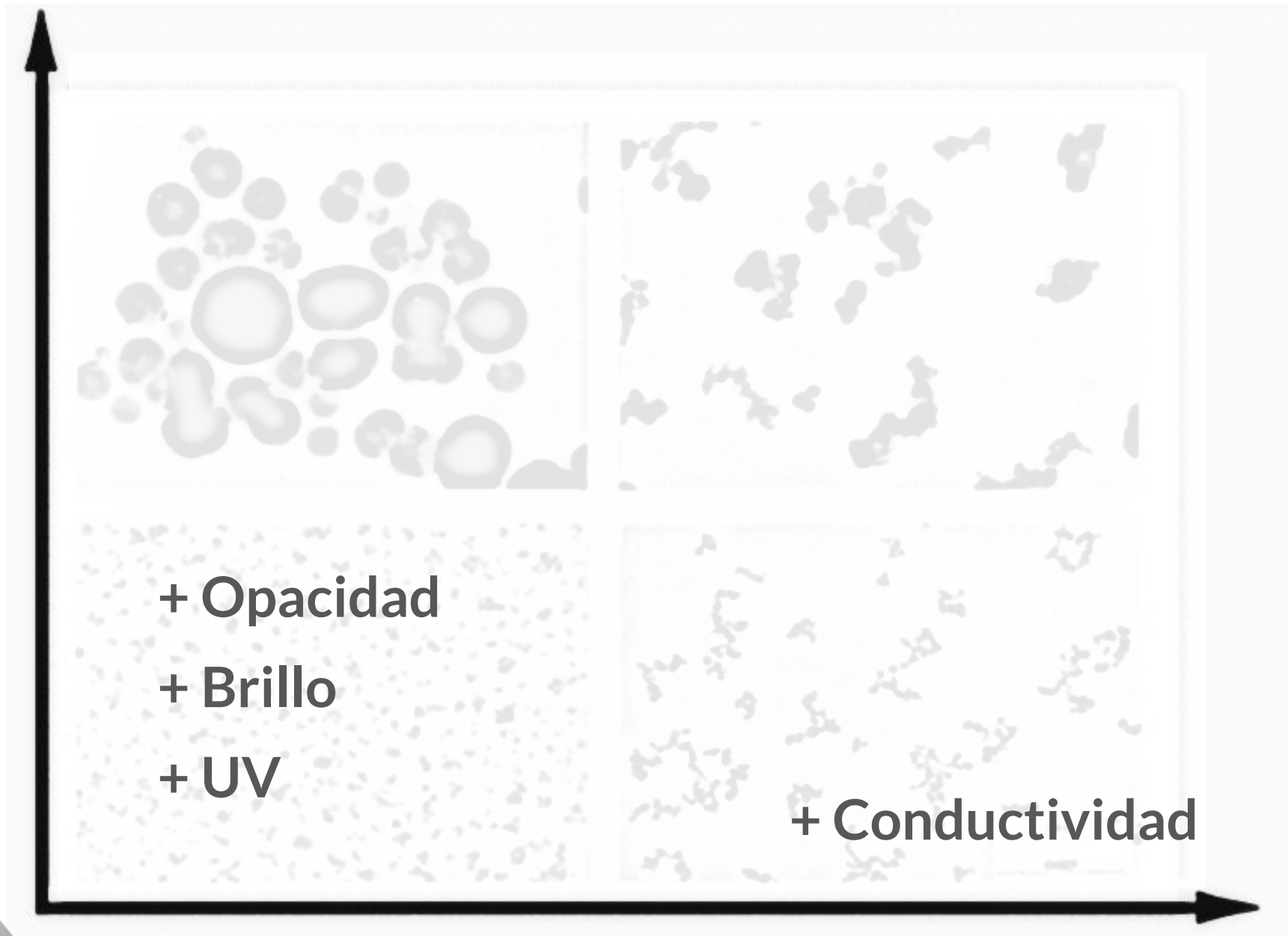
Estructura

Tam. partícula



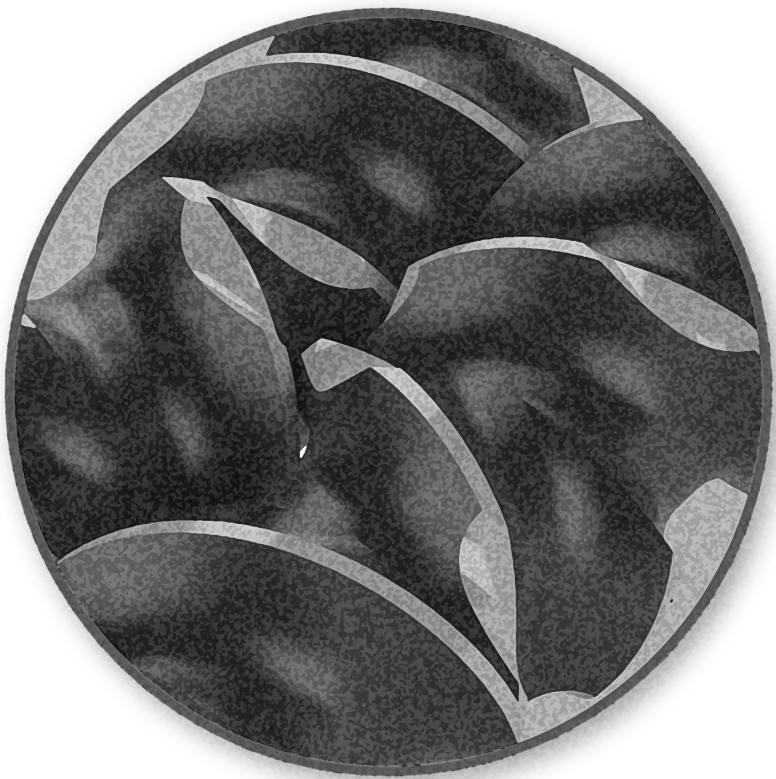
Estructura

Tam. partícula



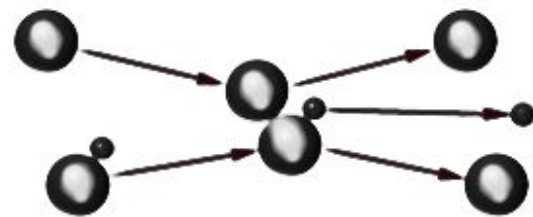
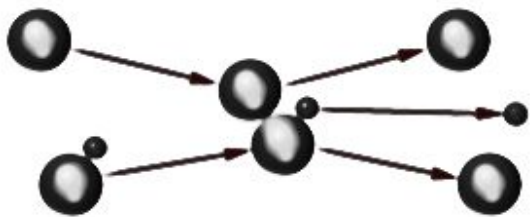
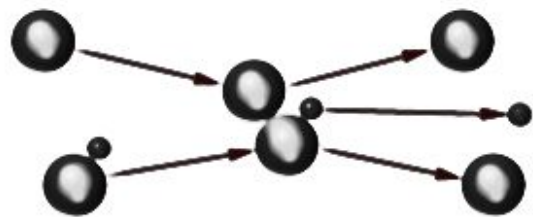
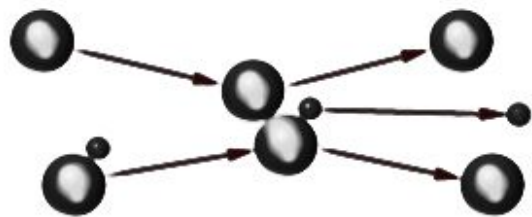
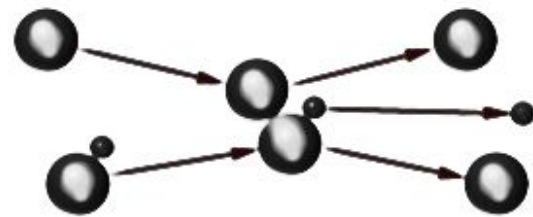
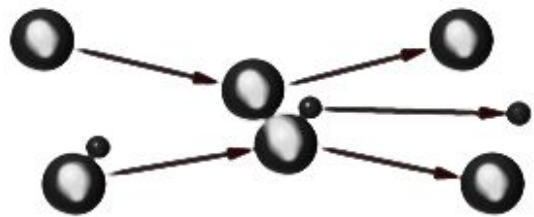
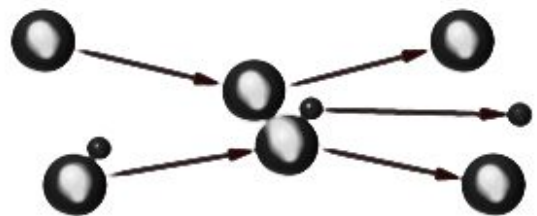
Estructura

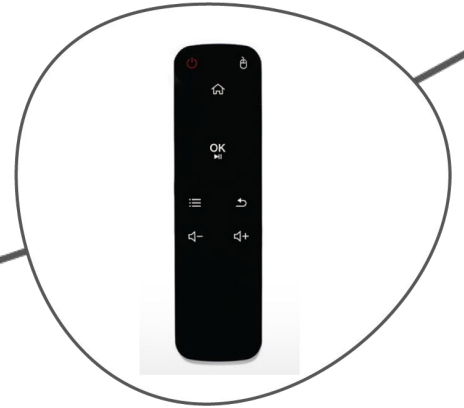
μ



σ

Proceso
MB







CCA

FDA

PAHs < 0.5 ppm

Benzo(a)pyrene < 0.5 ppb



DOSIFICACIÓN MB

< 2.5% Negro de Humo

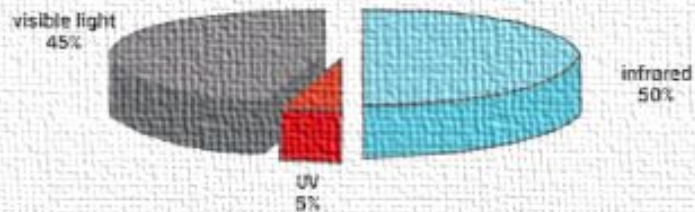
EU No. 10/2011

Benzo(a)pyrene < 250 ppb

Extracto de Tolueno \leq 0,1%



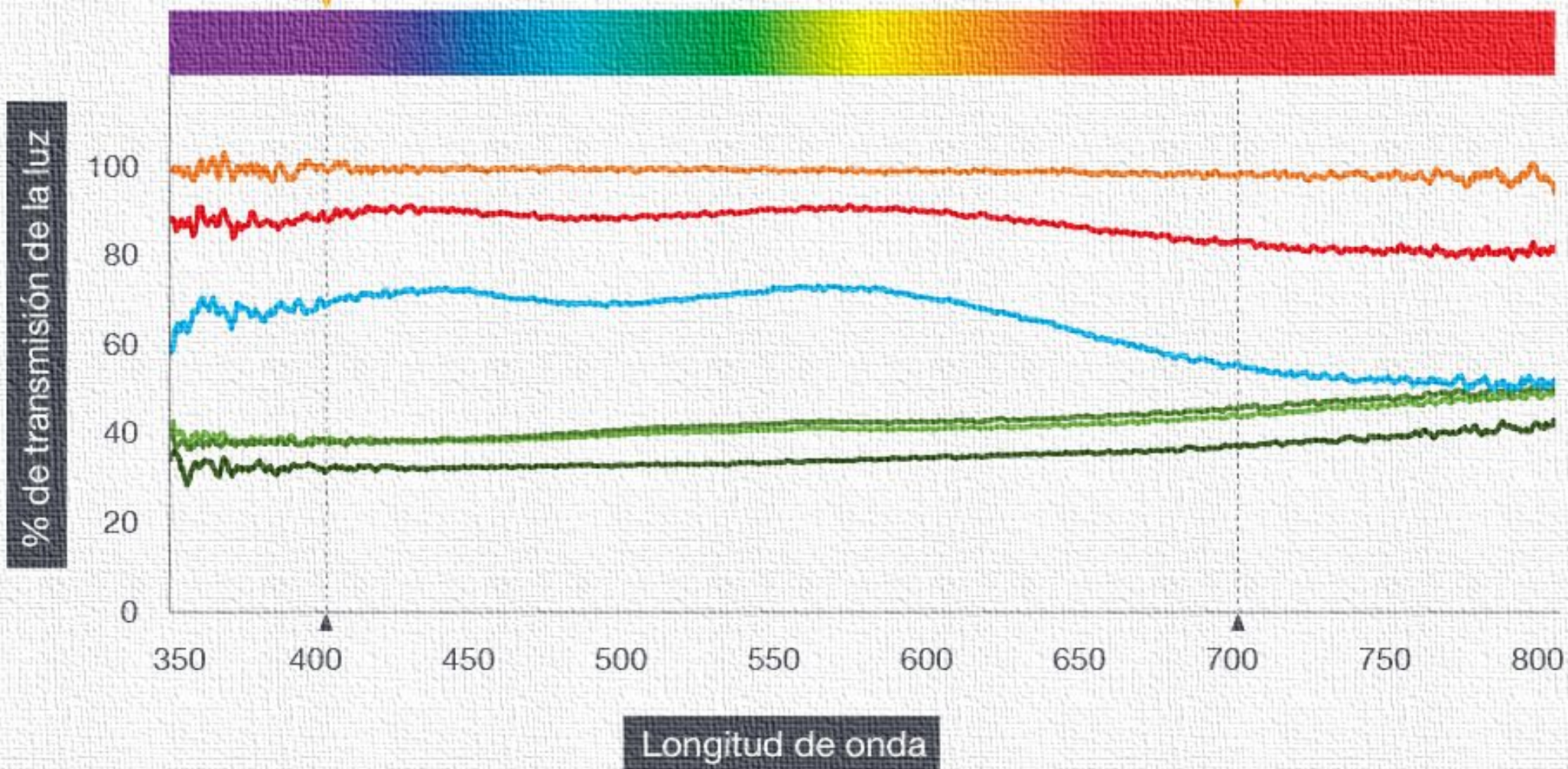
UV

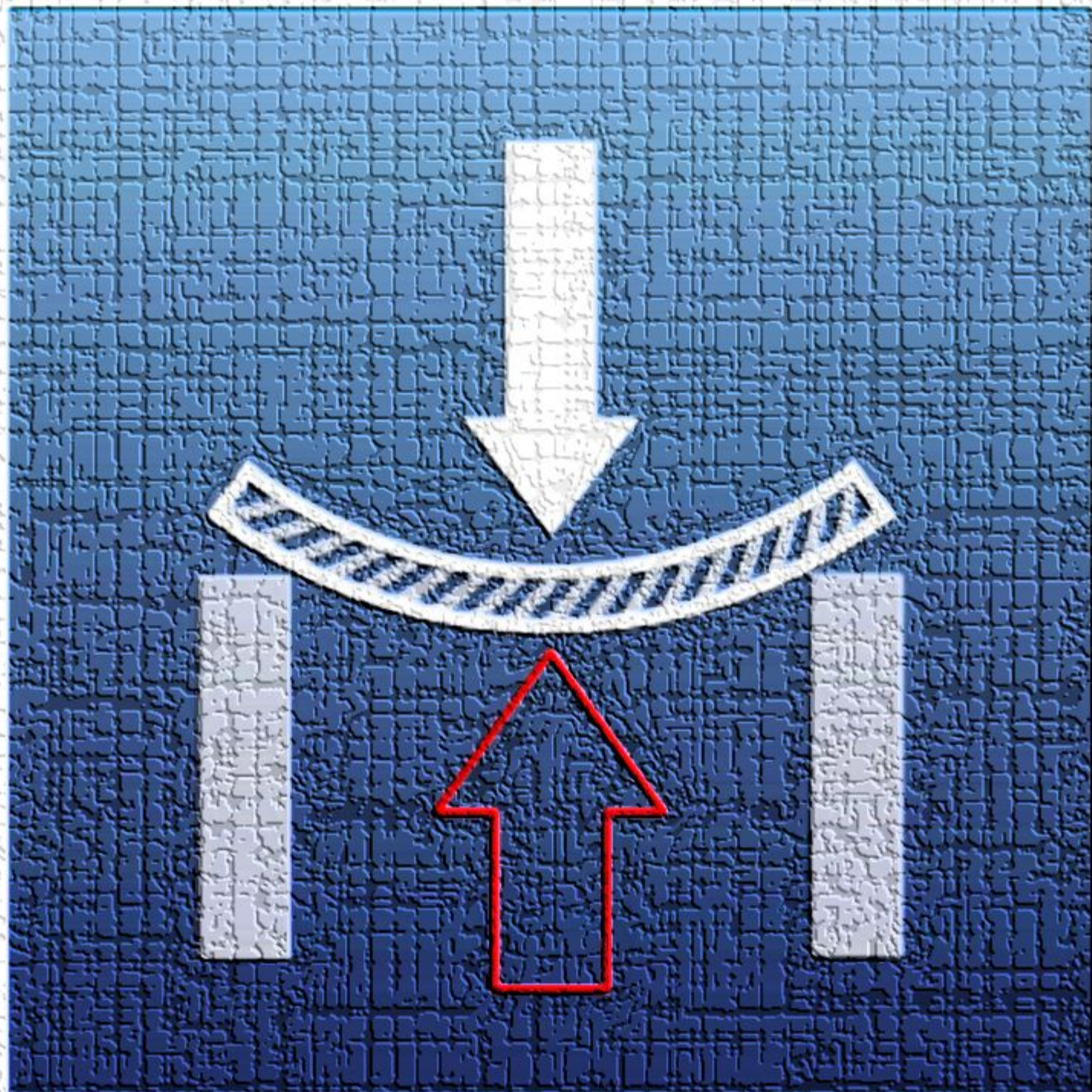


LUZ PAR (FOTOSÍNTESIS)
LUZ DE CRECIMIENTO

LUZ UV

LUZ NIR (CALOR)

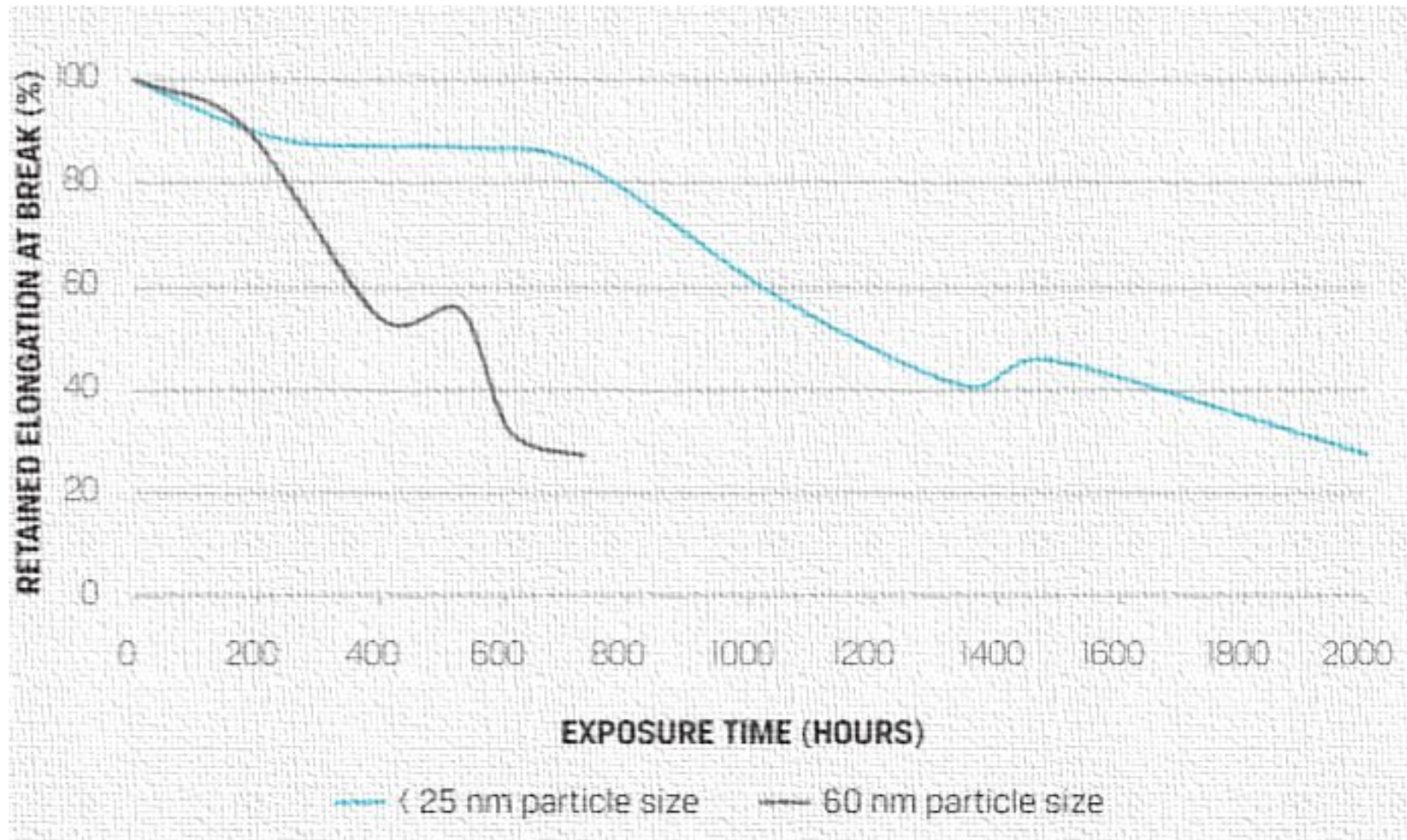


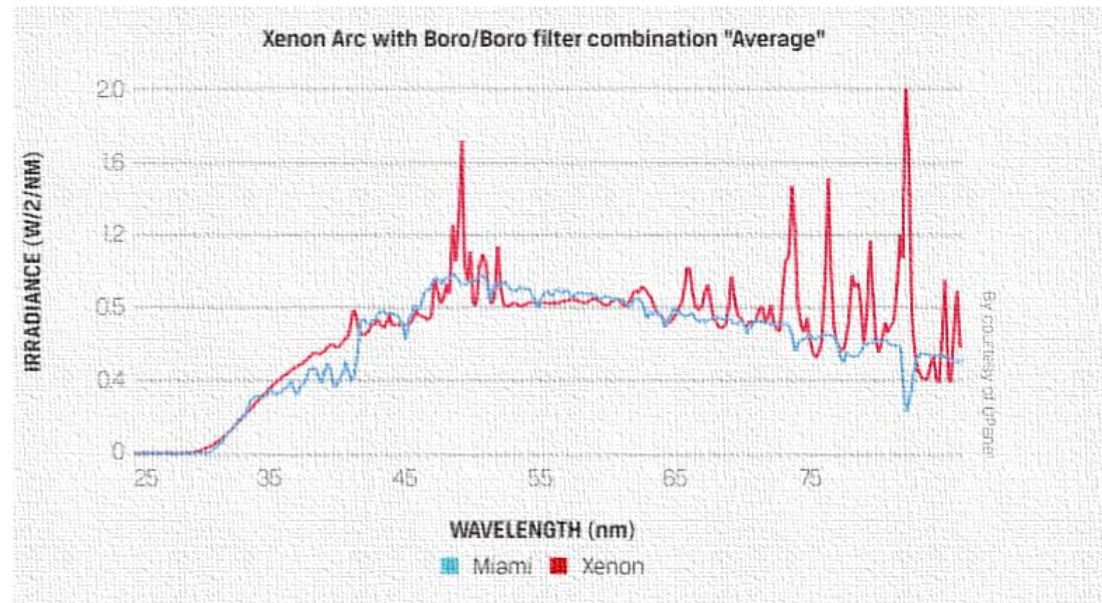
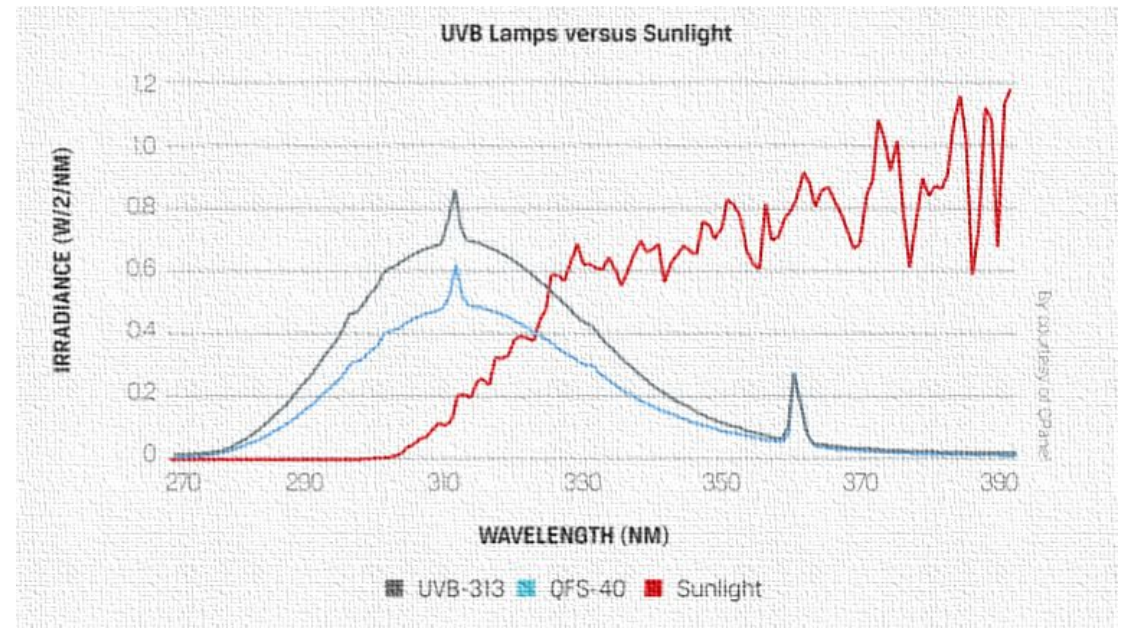
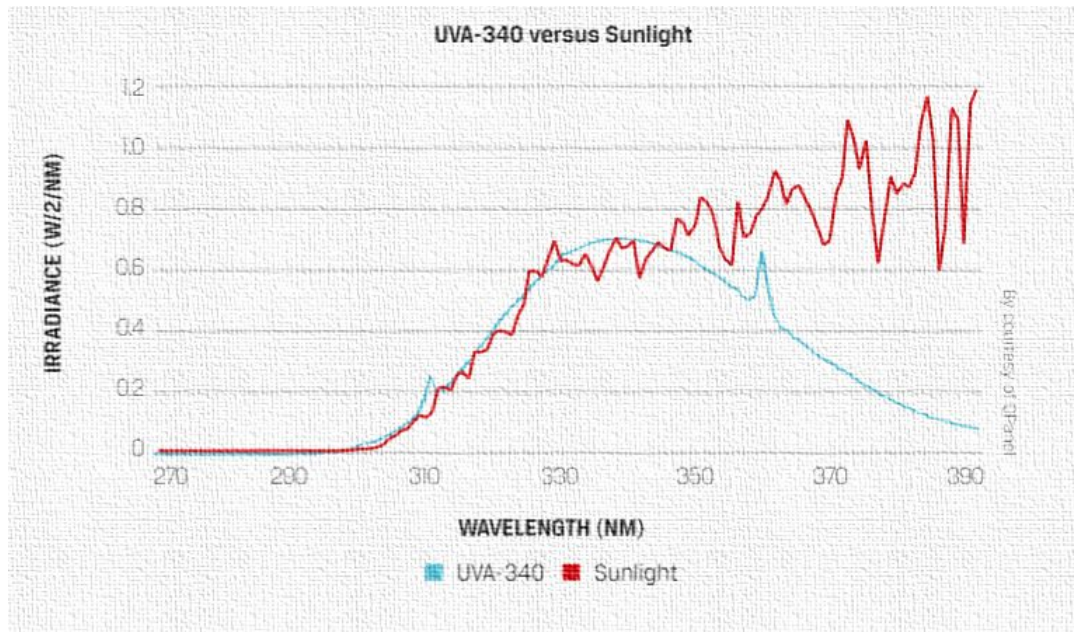


UV

IR









SECTORES



Automotriz

Bienes de *Consumo*





Empaque
Rígido

Agroindustria





Texti
|

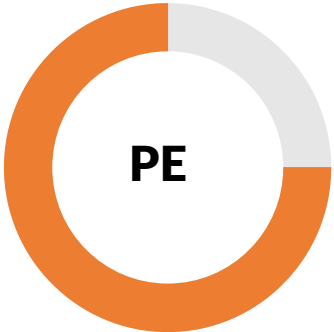
Empaque
Flexible



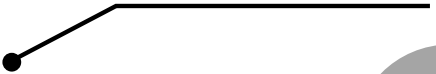
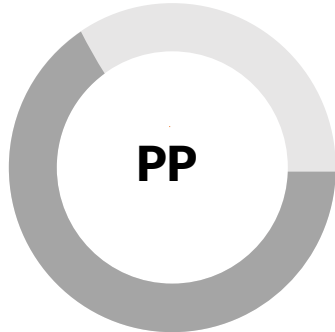
Portafolio por Familia

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BLANCOS
*Elementales
y funcionales*

7

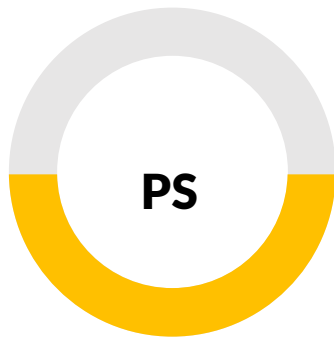


- 663-3BF
- 663-3BO
- 665-10BA
- 665-13BL
- 665-5BL
- 665-9BL
- 666-7BA



- 600-1BL
- 600-4BL
- 600-5BL
- 600-6BL
- 601-1BA
- 601-2BL

6



- 671-1AZ
- 672-5BL

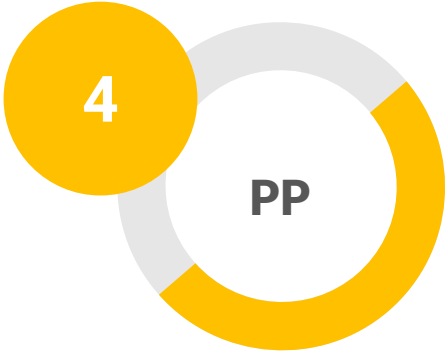
2

Portafolio por Familia

7



- 682-14NE
- 683-2NE
- 682-2NE
- 682-1NE
- 682-4NE
- 682-12NE
- 682-8NEL



- 681-20 NE
- 681-1NE
- 681-11NE
- 681-12NE

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Gracias



Transforma tu mundo