



Bensub 2908 is an effective out-gassing agent suitable both for interior and exterior powder coatings. It has the following advantages:

- Suitable for all systems
- Effective ( dosage from 0.5-2.5% based on total powder )
- Eliminate pinholes, suitable for porous substrate or as Benzoin substituent
- Better wetting: reduce particulates on the cured film

**Typical Properties:**

- Appearance : White powder
- Volatile Organic Compounds (VOCs) :  $\leq 3\%$ (200°C/10min.)
- Melting Range: 130-145°C
- Density ( 25 °C ) : About 0.93

**Application:**

Pre-mix and Co-extrusion

**Dosage :**

0.5%-2.0%(total formula)

**Shelf Life :**

12Months ( <25°C ; 40% HR )

**Safety and Caution :**

- General powder coating safety regulations can be adapted for ZEHM products
- Unless otherwise noted, ZEHM products never contain any heavy metal elements, easy-flammable or explosive materials
- Personal Protective Equipments [PPE] are required to prevent the powder from oral or breath adsorption and skin direct contact
- Any contaminated body parts should be suggested to a rapid wash-away. Serious cases should look for the doctor's treatment

Recommended powder coating formula of Bensub 2908 in Polyester/ TGIC system:

Formulation No.	1 <sup>#</sup>	2 <sup>#</sup>
DSM4900	550	-
DSM P865	-	560
TGIC	35	-
PRIMID XL552	-	29.5
Resiflow PV-88, Worlee	10	10
Benzoin	5	5
BaSO4	187	185
TiO2	188	186
Bensub 2908	-	12
Total	1000	1000
Bake Schedule	200°C/15min. ( Object temperature )	
Gloss 60°[Gloss Units]		
Impact, [KG*cm]	+/-50	
Appearance	Smooth	

- Above formulas were illustrated only for reference. Please do trial first before batch order

**Note:**

Bensub 2908 is a kind of amide additive (like Microwax C) and should perform positive effect on powder coatings within the normal dosage range. Above technical data are only for reference. Please do trial before using this product. Zehm will not be responsible for the loss caused by not properly using this product data sheet. We also never exclude the possibility of the better performances Bensub 2908 may have.

\* For more detail technical information, please contact our sales persons or send E-mail to: [zehm@gz-zehm.com](mailto:zehm@gz-zehm.com)