

ROMBEST® masterbatches

GARDEN FURNITURE COMPOUNDS

TECHNICAL INFORMATION

ROMBEST® compounds for garden furniture are concentrates of Titanium Dioxide (TiO₂), Calcium Carbonate (CaCO₃) and, optionally, UV-stabilizers, antioxidants and other additives in PP. They have perfect dispersion and optimized flow properties, ensuring easy processing.

The following are general purpose products for inexpensive garden furniture:

ROMBEST	BASE RESIN	FILLER TYPE	FILLER %	TiO ₂ %	ADDITIVES
White PP9304	PPH	CaCO ₃	75	3	
White PP904	PPH	CaCO ₃	71	4	
White PP905	PPH	CaCO ₃	71	4	UV, AO
White PP9051	PPH	CaCO ₃	65	5	UV, AT, AO

UV : UV-stabilizer

AT : antistatic

AO : antioxidants

PPH : PP homopolymer

Other ROMBEST® compounds for garden furniture can be produced upon request, e.g. with talc as filler, with different filler/TiO₂ ratios, with higher UV-stabilizer and/or antioxidant content, with PP-copolymer as carrier, with flame retardants, anti-static or other additives.

ADDITION RATE

Usual addition rate of ROMBEST® garden furniture compounds is 15-30 %.

UV STABILIZATION

The UV-stabilizer contained in PP905 & PP9051 is the most efficient HALS for PP thick articles. When adding 20-30 % of the compound in the final product, it is adequate for a life of up to 3 years in Mediterranean climate. For higher UV-resistance, it is recommended to add separately a UV-masterbatch (please consult us for a recommendation).

FOOD APPROVAL

PP904 and PP9304 are food approved. None of the above products contains heavy-metals. Due to the type of UV-stabilizer they contain PP905 and PP9051 are not food approved, but if necessary they can be modified with an alternative, food-approved, stabilizer package.

09/10

The information and suggestions contained herein are the result of our experience, knowledge and research. They are believed to be reliable and are given in good faith. However no guarantee is provided, as the conditions under which our products are used are beyond our control.