



## High-Opacity White Masterbatch for PET – Engineered for Efficiency

**Why White:** White PET bottles and sheets provide superior UV and light protection, making them ideal for light-sensitive products like dairy, pharmaceuticals, and cosmetics by preventing degradation and extending shelf life. The white coloration offers excellent opacity and a premium aesthetic appeal while maintaining PET's recyclability, lightweight properties, and barrier performance.



**Tosaf's new high loading white masterbatch** for PET delivers exceptional brightness and opacity at lower dosage rates, reducing material costs while ensuring superior dispersion and color consistency throughout production. Engineered with advanced pigment technology and optimized for PET processing, it offers excellent thermal stability and maintains PET's mechanical properties while meeting stringent food-contact regulatory requirements. This formulation enables reliable production of white bottles and sheets with consistent opacity, uniform appearance, and stable processing performance.

### Main Applications

Food and cosmetic packaging

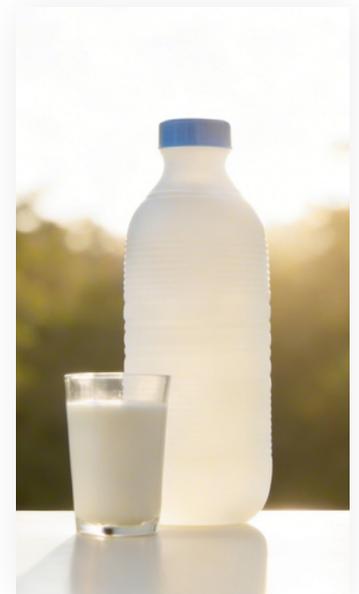
Bottles • Sheets • Trays • Films

**MT801066 EU** – Polar white 70% TiO<sub>2</sub> MB

**MT801022 EU** – Solar white 70% TiO<sub>2</sub> MB

### Key Performance Advantages

- ✓ High opacity at optimized dosage levels
- ✓ Homogeneous and consistent shade without streaks or marks
- ✓ Stable rheology in high-speed PET processing
- ✓ Small pellet size for easy dosing and superior homogenization
- ✓ Market-proven performance
- ✓ Full food contact compliance
- ✓ Fully recyclable in white PET streams



Looking to overcome your next challenge? We'll help make it happen.

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