



PVCPure™: Optimized PVC-Based Masterbatch Solutions for Window Profiles

Producers of PVC window and door profiles require exact color accuracy, smooth processing, and long-term outdoor durability. Tosaf develops PVCPure™, dedicated PVC-based masterbatches designed specifically for PVC extrusion environments.

This approach ensures full material compatibility, stable and efficient extrusion runs, and consistent high-quality color development across different production environments. Custom shade matching and flexible pellet sizing allow seamless adaptation to each producer's needs.



PVC Carrier for Full Compatibility

Unlike masterbatches based on non-PVC carriers (such as PE), Tosaf's PVCPure™ are formulated entirely on a PVC carrier (PVC-on-PVC design). This ensures:

- 1 Lower scrap & downtime due to cleaner processing
- 2 Full material compatibility with rigid PVC
- 3 Superior dispersion and homogeneity
- 4 Long-term color stability due to reduced migration
- 5 Stable long-term thermal behavior

Your PVC Masterbatch Experts

Color Precision and Production Consistency

- ✓ Fully customized shade and pellet size to match each producer's process needs
- ✓ Microgranule masterbatch for clean, stable color dispersion
- ✓ Reliable batch-to-batch consistency
- ✓ Color development using the L*a*b* color model for consistent accuracy

Efficient Processing for PVC Profiles

- ✓ On-site technical support – assistance at the customer's facility
- ✓ Tailored pellet size for dosing or mixing systems
- ✓ Stable performance in fast extrusion lines

Regulatory Compliance and Safe Formulation

- ✓ REACH and RoHS compliant
- ✓ Ca-Zn stabilized PVC carrier (heavy metal free systems)

Applications

Window profiles • Door profiles • Shutters • Exterior trims

Sustainability That Performs

- ✓ Microgranule masterbatch improving cleanliness and reducing waste
- ✓ Stable processing reducing energy loss and downtime
- ✓ Long service life supporting durable PVC systems
- ✓ Phthalate-free formulations



Looking to enhance color consistency and achieve a cleaner, more efficient PVC production process?

We'll help make it happen.