

ADVANTAGES FOR PLASTICS RECYCLING



HIGHER COLOR STRENGTH

In liquid colors, the pigments are more finely dispersed than in masterbatch. As a result, a higher light scattering and thus color strength is achieved, which leads to a lower colorant requirement, e.g. in order to overcolor raw material-related color variations.



UNIVERSAL CARRIER SYSTEM

Almost all common plastics can be colored with our standard carrier. In principle, therefore, polymer-specific color concentrates are no longer required, which means that needs can be combined and warehousing costs minimized.



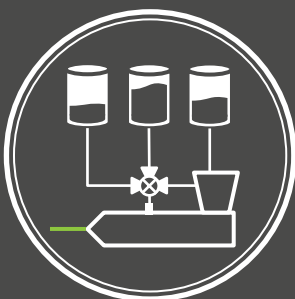
NO SPECKS

Due to the production at room temperature, liquid colors are not thermally pre-stressed. Furthermore, they are filtered during filling - if necessary to a particle size of up to 1 µm. Particularly in the processing of film types, this is of decisive importance for the flawless quality of the recyclates.



FAST COLOR CHANGEOVERS

Drip-free plug & play connections enable fast container and thus color changes. In addition, especially when compounding with twin-screw extruders, the liquid color can be easily dosed into the melt downstream, allowing color changes to be realized in a matter of seconds.



INLINE-MIXING OF SINGLE PIGMENT CONCENTRATES

For maximum flexibility and minimum coloring costs, liquid monos can be mixed by the user. The dosing system from OPM Mechatronic enables parallel injection of up to 6 monos, which are mixed with the plastic on the processing section. This enables inline color corrections, e.g. in case of fluctuating raw material quality, and extremely fast color changes.