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Color Meter for Plastic Industry

Parts made of plastics come up more and more to replace metals. The quality tolerances in color measurement on plastics nowadays are very tough. So to avoid material waste and production line shutdown, the need of very accurate, easy to handle and quick working color meters is high. Many production factors (mainly heat stability and dispersion) influence the color and appearance result of plastics. When having clear plastic, yellowness and haze are measured. Opacity and whiteness are measured when using white pigments. For these measurements color meters of the standard 45°/0° geometry are used. In any case, to reach the best results in color measurement and to have the best correlation between the measurements, all parties involved in the „plastic production chain“ (supplier of granules, processors and converters) should use exactly the same type of color meter.

