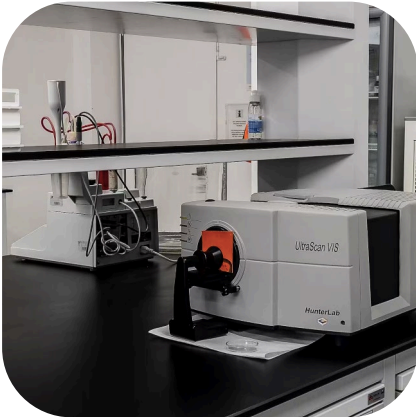


# Color Determination

## QUANTITATIVE MEASUREMENT OF COLOR IN PLASTIC FILMS



### KEY WORDS

COLORIMETRY,  
QUALITY CONTROL,  
ASTM D6290

### DESCRIPTION

Quantitative color measurement of plastic films is performed to ensure consistency and compliance with product specifications. Objective color evaluation is fundamental in the packaging, consumer goods, and automotive industries, where visual appearance is a critical quality attribute. This test allows for monitoring color uniformity between different production batches, evaluating the effect of additives, and verifying color stability after aging processes.

### AVAILABLE TECHNIQUES AND/OR EQUIPMENT

- Determination of film color according to ASTM D6290

### APPLICATIONS

- Quality control for flexible packaging films
- Masterbatch and pigments industry
- Plastic components with aesthetic requirements
- UV degradation assessment
- Verification of color consistency in recycled plastics

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