

Tinuvin® XT 55

New HALS for Polyethylene Tapes and Monofilaments
Combines Improved Processing with Excellent Stability

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We create chemistry



Advanced HALS with balanced properties combining:

- State-of-the-art Water Carry Over behavior
- Increased efficiency in production
- Outstanding light and thermal stability
- Easy to handle product form
- Excellent color stability
- Prolonged end product life

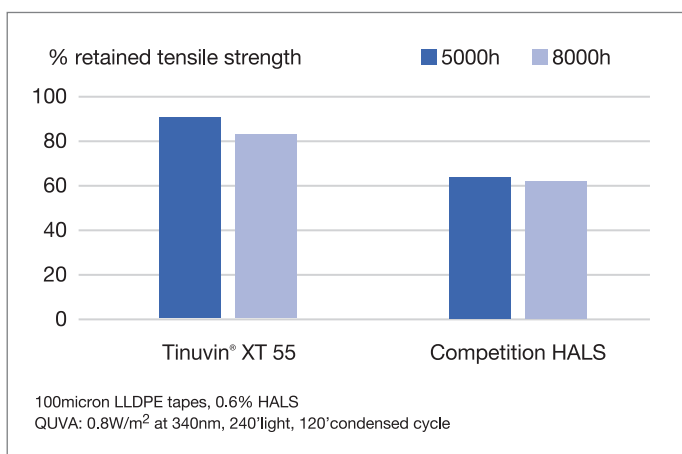
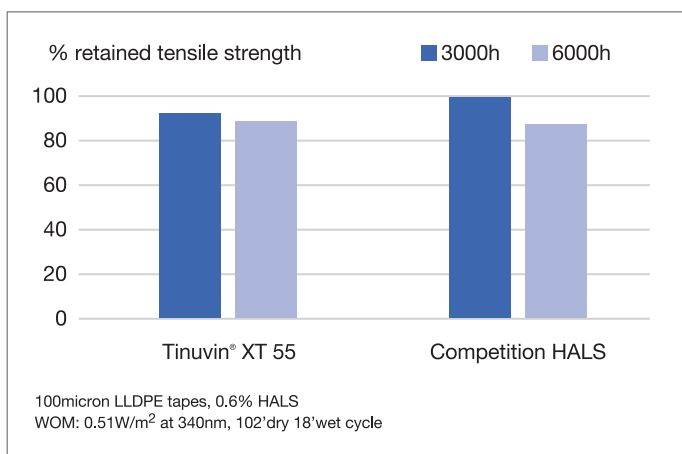
Tinuvin® XT 55

The advanced light stabilizer for polyethylene tape and monofilament applications

Tinuvin® XT 55 is a hindered amine light stabilizer (HALS) with excellent polymer compatibility. It combines exceptionally high UV with long term thermal stability in polyethylene. In comparison to other HALS Tinuvin® XT 55 gives very low contribution to water carry over during production of polyethylene tapes and monofilaments, helping the converter to run the line at high throughput.

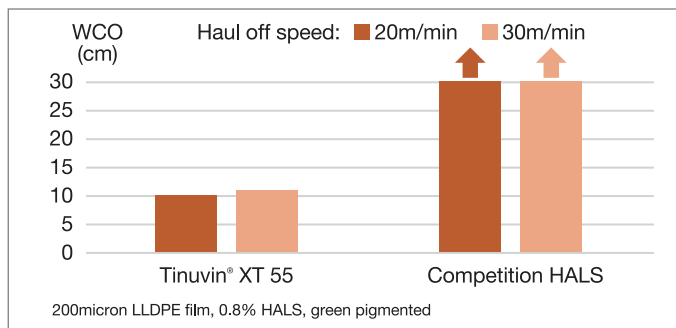
Outstanding in weathering stability

Tinuvin® XT 55 provides high resistance to exposure under UV radiation in both xenon and fluorescence arc conditions. It maintains performance of the end article under most stringent conditions requested by applications standards.



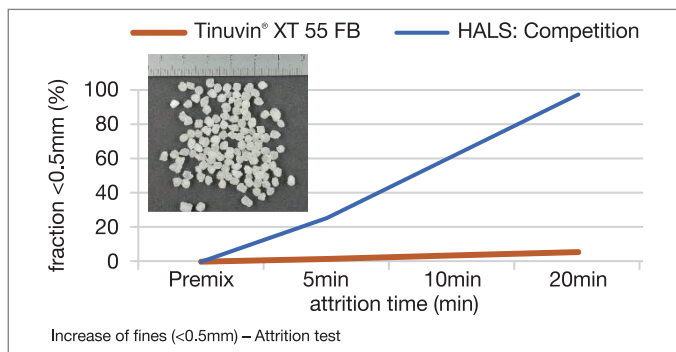
Excellent water carry over (WCO) properties

Water pick up during processing of monofilaments and tapes can induce fiber breaks and inconsistent drawing causing increased waste and line downtime. Conventional HALS are known to influence WCO in a negative way. Tinuvin® XT 55 contributes significantly less to WCO compared to other HALS.



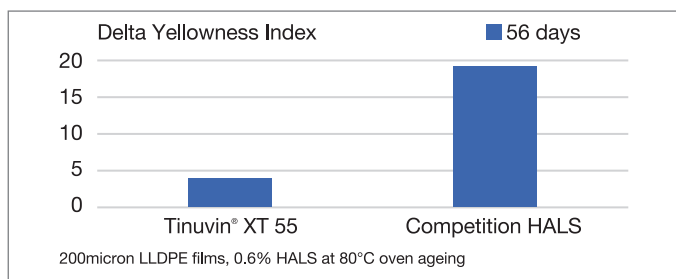
Versatile product form

Tinuvin® XT 55 is supplied as attrition resistant pellets (FB). The product is easy to handle, free flowing and guarantees high working hygiene.



Very good color retention

Color retention is key in visible applications. Usage temperatures often are as high as 80°C for several hours. Products containing Tinuvin® XT 55 have a lower tendency than other HALS to shift in color when exposed to elevated temperatures.



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