

CEL-SPAN®

S 310



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An excellent shut-down additive to eliminate black specs and char for film applications.

Cel-Span® S 310 is a compounded antioxidant concentrate in HDPE & LLDPE blends to provide thermal stabilization to polymers at high temperatures and during routine maintenance shut-down procedures. Cel-Span® S 310 is an effective shut down stabilizer for all polyolefin resins. It is used to protect these materials from thermal degradation during exposure to processing temperatures maximizing the inherent physical properties of the natural resins. When used at a 5-10% level, Cel-Span® S 310 can be left in extruders, dies, and other process equipment during routine maintenance “shut down and start up” procedures, to prevent unwanted polymer degradation, and help keep the process equipment clean and free of black specs and degradation.

Applications: Injection Molding and Sheet Extrusion

Melt Flow: 20 (grams/10 min.), at 190°C

Blend Density: 0.560 g/cm³ (35 lb. /ft³)

Types of Resins: Polyethylene, PP, PBT, PET, EVA and other acid type resins

Amount Required: 5% - 10%

LDPE with S310 inside the 4” die. Sample remained inside the barrel and die for 24hrs and 400°C. No Degraded Material Inside the Machine at Start-up.



Features and Benefits:

- Increases start up times
- Stabilizer package is recyclable
- Cost effective measure versus purging with resins

We recommend this product be kept closed and stored in the original container, away from light, heat, and highly humid environments. Cel-Span® S 310 is packaged in a 50 lb. plastic bags or 1,000 lb. galord boxes. There are no adverse health effects from the use of Cel-Span® S 310.

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