

PROPERTIES

CYASORB THT™ 4611 light stabilizer

TYPICAL PROPERTIES

Description	Off white to pale yellow pastilles
Insolubles, %	0.25 max
TGA-10% wt. loss, °C	343
Bulk Density, lbs./ft ³	40-43
Loss on Drying, wt. %	0.5 max

PERFORMANCE BENEFITS

- Extraordinary UV stabilization efficiency
- Low color and volatility
- Extraction resistant
- Excellent LTHA properties
- Sanctioned for use in polyolefins by FDA

APPLICATION AREAS

- Polyolefins: injection molded, blow molded, rotationally molded, extruded sheet, pipe and film
- Polyamides
- TPO's
- TPE's

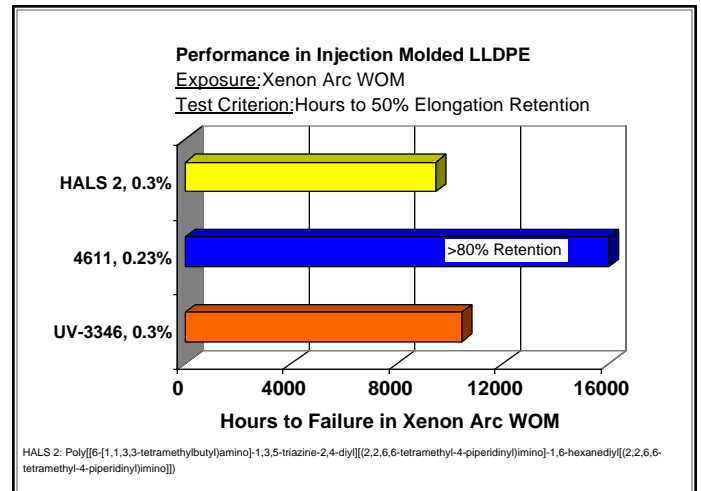
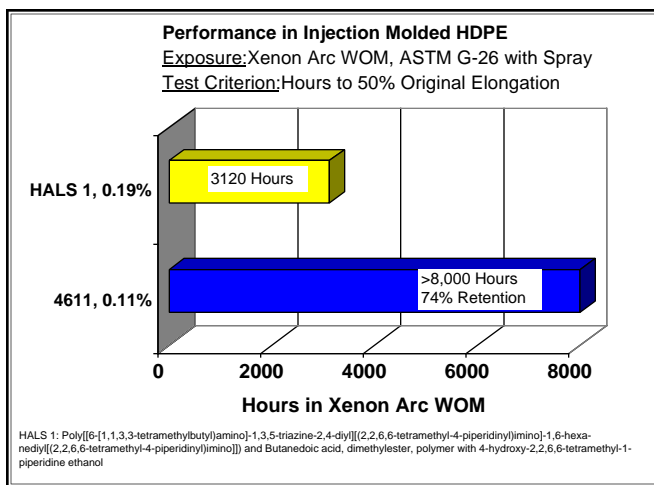
HEALTH AND SAFETY

EFFECTS OF OVEREXPOSURE:

The estimated acute oral (rat) LD50, acute dermal (rabbit) LD50 and 4-hour inhalation (rat) LC50 values for this material are >2,200 mg/kg, >2,000 mg/kg and 3 mg/L, respectively.

Direct contact with this material may cause severe eye and mild skin irritation. Refer to Section 11 of the Material Safety Data Sheet (MSDS) for toxicology information on the regulated components of this product.

Before handling this material, read the corresponding Cytec Industries Inc. MSDS for safety, health, and environmental data.



FDA STATUS

1) Polypropylene complying with Section 177.1520(c) 1.1, 1.2, 1.3, at levels not to exceed 0.35% by weight of the polymer. The finished polymers may contact food under conditions as severe as or less severe than hot-filled or pasteurized below 150° F (FDA's conditions of use D, E, F, and G).

2) High density polyethylene homopolymer and copolymers complying with Section 177.1520(c) items 2.1, 2.3, and 3.1, at levels not to exceed 0.35% by weight of polymer. The polymer may contact food under conditions as severe as or less severe than hot-filled or pasteurized below 150° F (FDA's conditions of use D, E, F, and G). Finished articles used in contact with fatty food (FDA's food types III, IVA, V, VIIA and IX) shall hold a minimum of 2 gallons (7.6 liters) of food.

3) Low density polyethylene homopolymer and copolymers, and other olefin polymers complying with Section 177.1520(c) 2.1, 2.3, 3.1, 3.3, 3.4, 3.5, and 4.0, at levels not to exceed 0.35% by weight of the polymer. The finished polymers are used in articles having a volume of at least 5 gallons (18.9 liters), and may contact food under conditions as severe as or less severe than hot-filled or pasteurized below 150° F (FDA's conditions of use D, E, F, and G).

Shipping Classification:
Chemical NOI

Shipping Container:
125 lb. fiber drum

CYTEC

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PAT-221-B

CYTEC INDUSTRIES INC.

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