

## PROPERTIES

# CYASORB THT™ 6435 light stabilizer

## TYPICAL PROPERTIES

|                                    |                                    |
|------------------------------------|------------------------------------|
| Description                        | Off white to pale yellow pastilles |
| Insolubles, %                      | 0.25 max                           |
| TGA-10% wt. loss, °C               | 331                                |
| Bulk Density, lbs./ft <sup>3</sup> | 40-43                              |
| Loss on Drying, wt. %              | 0.5 max                            |

## PERFORMANCE BENEFITS

- Extraordinary UV stabilization efficiency
- Low color and volatility
- Extraction resistant
- Enhanced gas fade resistance
- Resistant to agricultural chemicals and acidic byproducts
- Superior 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

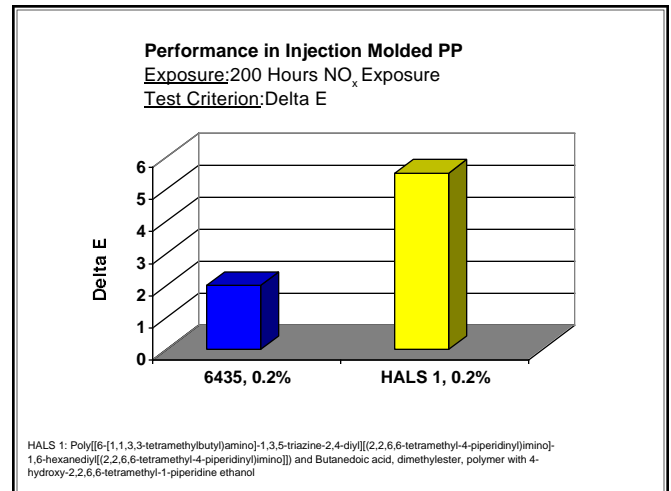
## HEALTH AND SAFETY

### EFFECTS OF OVEREXPOSURE:

The estimated acute oral (rat) LD50, acute dermal (rabbit) LD50 and 4-hour inhalation (rat) LC50 values for this material are >560 mg/kg, >2,000 mg/kg and >3 mg/L, respectively.

Direct contact with this material may cause moderate 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

At levels up to 0.35% in olefin polymers under the following conditions:

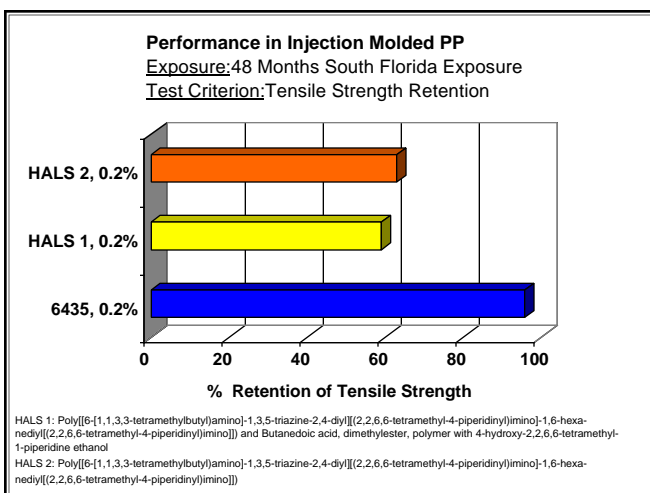
In polypropylene complying with Section 177.1520(c) items 1.1, 1.2 and 1.3, high density polyethylene homopolymers and copolymers complying with Section 177.1520(c) items 2.1, 2.2, 2.3, 3.1 and 3.2, and low density ethylene copolymers complying with Section 177.1520(c) items 3.1 and 3.2, in contact with all food types under conditions of use C-G; in low density polyethylene and other olefin polymers complying with Section 177.1520(c) items 2.1, 2.2, 2.3, 3.3, 3.4, 3.5, 3.6, 4, 5, and 6, in contact with aqueous, acidic, alcoholic, and dry foods (food types I, II, IVB, VI, VII, and VIII) under conditions of use D-G. Finished food contact articles containing the stabilizer shall have a minimum capacity of 5 gallons (18.9 liters).

## Shipping Classification:

Chemical NOI

## Shipping Container:

125 lb. fiber drum



# CYTEC

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PAT-222-B

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