



UV withstanding and flammability of Hyper-Reflective white PC

Material properties

Hyper-reflective polycarbonate is new material with excellent whiteness, very low yellowing and minimal light transmission rate. This material is well suitable in reflectors where it helps to create very smooth and even light distribution.

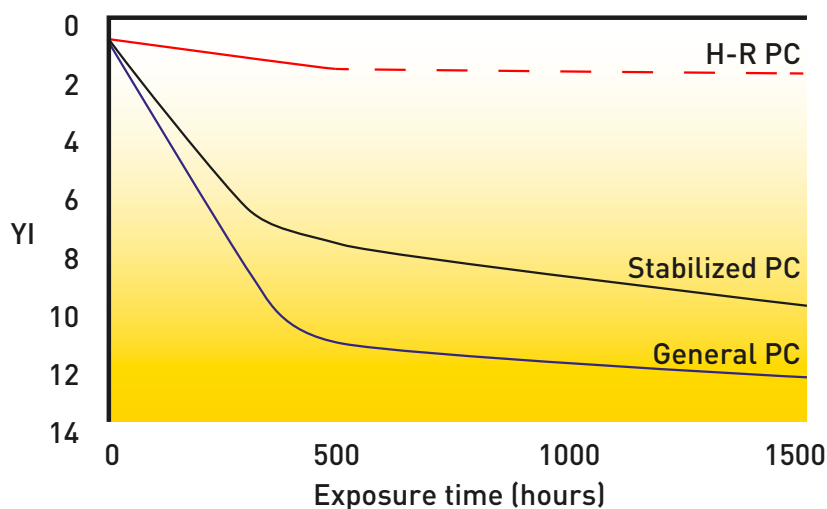
Property	Value	Method
Flammability	V-0	(UL 94, 1.5 mm)*
Light reflection rate (Y)	97,5	(D65 type, 10°)
Yellowness Index YI	9	ASTM E313
Thermal - RTI Elec (1,50 mm)	80,0 °C	UL 746
Thermal - RTI Imp (1,50 mm)	80,0 °C	UL 746
Thermal - RTI Str (1,50 mm)	80,0 °C	UL 746

*UL 94, IEC 60695-11-10, -20

Features

- Excellent light reflectivity
- Good light shading
- Excellent UV resistance
- Halogen flame retardant free UL 94 1,5 mm V-0

UV resistance



The technical information in this notification is based on the tests done by the material supplier.