



## Plastic additives for the automotive industry

### BASF solutions for hot light resistance – Car interior TPO parts

<b>Tinuvin® XT 855</b>	High performance HMW HALS with low mold deposit due to its low basicity and outstanding light / thermal stability passing carbon arc weathering specified by Japanese OEMs
<b>Uvinul® 4050</b>	LMW HALS providing good light stability with excellent surface resistance; low volatile; food contact compliant.
<b>Chimassorb® 2020</b>	High performance HMW HALS with outstanding light and thermal stability
<b>Tinuvin® 111</b>	High performance synergistic HALS solution recommended for the stabilization of mold-in-color plastic parts, thanks for its low interaction with pigments
<b>Chimassorb® 944</b>	Good performance HMW HALS
<b>Tinuvin® 120</b>	Benzoate light stabilizer suitable for interior and exterior applications; esp. performing in talc-filled systems and in carbon arc weathering
<b>Tinuvin® 326</b>	Red-shifted hydroxyphenyl-benzotriazole-class UVA providing plastic bulk light protection for critical mold-in-color plastic parts
<b>Tinuvin® 234</b>	Low volatile blue-shifted hydroxyphenyl-benzotriazole-class UVA providing plastic bulk light protection for critical mold-in-color plastic parts

### BASF solutions for weathering resistance – car exterior PP parts

<b>Tinuvin® XT 850</b>	High performance HALS solution enabling superior long-term durability and no or limited interaction with other formulation components enabling paintability, low gas fading (NOx) and low mold deposit thanks to its low basicity
<b>Tinuvin® 770</b>	Standard LMW HALS providing very good surface protection
<b>Chimassorb® 2020</b>	High performance HMW HALS
<b>Chimassorb® 944</b>	Good performance HMW HALS
<b>Tinuvin® 111</b>	High performance synergistic HALS solution recommended for the stabilization of mold-in-color plastic parts thanks to the low interaction with pigments
<b>Tinuvin® 326</b>	Red-shifted hydroxyphenyl-benzotriazole-class UVA providing outstanding plastic bulk light protection for critical Mold In Color plastic parts
<b>Tinuvin® 234</b>	Low volatile blue-shifted hydroxyphenyl-benzotriazole-class UVA providing outstanding plastic bulk light protection for critical mold-in-color plastic parts



## BASF solutions for thermal resistance – under the hood PP parts

<b>Irganox® PS 802</b>	Thiosynergist heat stabilizer. When used in combination with a phenolic antioxidant, it provides an outstanding long-term thermal stability allowing the fulfillment of long-term thermal stability requirements for PP parts (1000h – 150°C)
<b>Chimassorb® 2020</b>	High performance HMW HALS with outstanding thermal stability. Synergist in combination with antioxidant contributing to prolonged service life under the hood. Solution of choice for HVAC parts fulfilling both long-term thermal stability and low odor requirements set by the OEMs. Contributing to thermal stability even at harsh conditions up to 150°C.
<b>Tinuvin® 111</b>	High performance HMW HALS with outstanding thermal stability. Synergist in combination with antioxidant contributing to prolonged service life under the hood

## BASF antioxidant solutions for scorch protection of polyol and PUR foams

<b>Irgastab® PUR 70</b>	Non-amine and non-aromatic premium liquid thermal stabilizer solution for polyether- and polyester-based flexible foams. It provides extremely low VOC and FOG contributions and reduce aldehyde emissions from polyol and in PU foams, fulfilling the latest emissions automotive requirements (e.g., VDA 278 10/11 and GB T27630).
<b>Irgastab® PUR 67</b>	Low amine liquid thermal stabilizer solution for polyether- and polyester-based flexible foams. It provides outstanding resistance to scorch, fogging, and textile staining.
<b>Irganox® 1076</b>	A primary phenolic solid thermal stabilizer for polyether- and polyester-based flexible foams providing good scorch resistance at affordable cost in use.

## BASF light stabilizers and UV absorbers solutions for hot light exposure of TPU and PUR foams

<b>Tinuvin® B 75</b>	Liquid synergistic light and heat stabilizer solution
<b>Tinuvin® PUR 866</b>	High performance stabilization solution with outstanding low initial color
<b>Tinuvin® 622</b>	Oligomeric hindered amine light stabilizer
<b>Tinuvin® 234</b>	Low volatile blue-shifted hydroxyphenyl-benzotriazole-class UVA