



Polycarbonate
Giving Life to Plastic

Polycarbonate

Code	Active Ingredients	LDR	Notes
UVA 6452A PC	UV cap layer	Cap layer	
Protects PC sheets against photodegradation by absorbing UV radiation. Very stable, very good layer distribution across the sheet width.			
UVA 6B130 PC	UV cap layer	Cap layer	
Protects PC sheets against photodegradation by absorbing UV radiation. Very stable, very low volatility, low plate out, very good layer distribution across the sheet width.			
UVA 6D49D PC	UV cap layer	Cap layer	
Protects PC sheets against photodegradation by absorbing UV radiation. Low volatility low plate out. Very good layer distribution across the sheet width.			
UVA 67890 PC	UV cap layer	Cap layer	
Protects PC sheets against photodegradation by absorbing UV radiation. Very stable, for very high radiation areas.			
UVA 6C670 PC	UV cap layer + matting agent	Cap layer	
Protects PC sheets against photodegradation and imparts a diffused and matt appearance to the surface.			
UVA 6D670 PC	UV cap layer + anti-reflective properties	Cap layer	
Protects PC sheets against photodegradation and imparts a diffused and matt appearance to the surface.			
DIF 0J160 PC	Diffuser	2 – 7%	
Light diffuser for PC. LDR 5%: Light transmission 86%. HAZE 100% for 1mm Plaque.			
FR 0I670 PC	Brominated FR	10 – 20%	
For transparent polycarbonate sheets. Without effect on haze or transparency. At 22% meets V0 at a thickness of 3.2mm.			
FR 0J960 PC	HFFR	25%	
Halogen free. Transparent applications. No effect on mechanical properties. At 25% meets V0 at 1.6mm.			
FR 0K520 PC	HFFR	10%	
Halogen free Non-transparent applications. No effect on mechanical properties. 10% to meet V0 at 0.8mm.			
HFR 01600 PC	HFFR	1.7 – 2.0%	
For transparent applications. Very effective FR. V0 @ 3.2mm (on extrusion grade PC) - Halogen free.			
FR 04530 PC	FR	3 – 4%	
Very efficient FR only 3-4% to meet V0 @ 1.6mm with milky and hazy effect. Bromine and Chlorine free.			

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AB 0G386 PC	Antiblock	6%	
To be used in corrugated sheets to enable easy separation of sheet when stacked. Added to the UVA Cap layer. No effect on UV properties.			
MET 23000 PC	Metallic reflector	100% layer	
Metallic reflecting effect reduces heat build up. To be applied on the sheet in a thin coextruded layer.			
CC 24210 PC	Metallic reflector	2 – 5%	
Metallic reflecting effect reduces heat build up. To be used as a masterbatch.			
PRL 21330 PC	Interference	100% layer	
Interference pearlescent pigment, reflects IR while allowing visible light in; Effective heat reduction, aesthetic appearance. To be applied as a coextruded layer.			
PRL 22790 PC	Interference	100% layer	
Interference pearlescent pigment, reflects IR while allowing visible light in; Effective heat reduction, aesthetic appearance. To be applied as a coextruded layer.			
PRL 22780 PC	Interference	100% layer	
Interference pearlescent pigment, reflects IR while allowing visible light in; Effective heat reduction, aesthetic appearance. To be applied as a coextruded layer.			
PRL 26560 PC PNL	Pearl reflector	100% layer	
Reflecting pearlescent pigment, reflects visible light, aesthetic appearance; To be applied as a coextruded layer or used as a masterbatch.			
IR 0A250 PC	Heat-management (IR Screener)	3 – 6% (100%)	
Very efficient near IR absorber with wide absorbance spectrum between 700-1400 nm. High transparency, greenish tint. Can be added to the bulk or can be applied as a co-extruded layer.			
IR 6B460 PC	Heat-management (IR Screener)	3 – 6% (100%)	
Very efficient Near IR absorber with wide absorbance spectrum between 700-1400 nm. Medium transparency, bluish tint. Can be added to the bulk or can be applied as a co-extruded layer.			
IR 04830 PC	Heat-management (IR Screener) Bluish	2 – 6%	
Near IR MB with very narrow absorbancy performances at 760 nm for laser welding applications, or can be combined with other NIR MB to improve screening performances. Very high transparency with bluish tint.			
IR 0B170 PC	Heat-management (IR Screener)	3 – 7%	
A very efficient near infra-red absorber. Very wide absorbancy properties in the IR region: from 700 nm to 1300 nm. With greenish/grey tint. The natural tint can be modified upon request.			
PR 00170 PC PURGE	Purge agent	100%	
Will reduce the time and quantity needed to purge the extrusion line. Especially effective for shifting between different polymers.			
Color Masterbatches Contact Kafrit			
Kafrit has a wide range of color masterbatches and liquid color masterbatches specially designed for polycarbonate sheets, injection molding and compounding. Will not reduce mechanical properties. Simply ask for the best solution.			

KafritGroup

is an innovative and leading producer of customized Masterbatches and Compounds for the plastic industry. For over 35 years Kafrit and its subsidiaries have been operating globally selling unique products and giving added value to well known consumers around the world.

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The Group supplies the following Masterbatches & Compounds:

Acid Scavengers
Antiblock
Anticorrosion
Antifog
Antimicrobial Agents
Antislip
Antistatic
Color Concentrates
Flame Retardants
Fillers
Foaming Agents
IR Absorbers
Light Stabilizers
Lubricants
Matting Agents
Metal Deactivators
Nucleating Agents
Optical Brighteners
Processing Aids
Purge Agents
Release Agents
UV Absorbers
White Masterbatches

For applications such as:

Agricultural Films
Biodegradables
BOPA
BOPP
Fibers
Nonwoven
PE Packaging
Polycarbonate Sheet
PP Cast and Calander Films
Tapes
Thermoforming



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