

Plastic compounds with

FLAME RETARDANT PROPERTIES



Self-extinguishing materials are typically used for electric applications, vehicle hybrids and EV. The below overview shows the core portfolio - most with an official UL listing. Also developments of new grades in cooperation with customers are possible.

MATERIAL	GRADE	FR SYSTEM	FLAME CLASS	COLOUR	POLYKEMI UL-FILE LISTING*
PC/ABS	POLYblend 65V	Halogene	V0 at 0,8 mm	All colours	Internal test
PC/ABS	POLYblend 83FR	Non halogene	V0 at 1,6 mm	All colours	EI 22538
PC/ABS	POLYblend 83EFR	Non halogene	V0 at 0,8 mm	All colours	Internal test
PC	SCANTEC PC 85FR	Non halogene	V0 at 3,0 mm	All colours	EI 22538
PC GF10	SCANTEC PC S60R GF10 V0	Halogene	V0 at 1,6 mm	All colours	EI 22538
PC/ASA	SCANBLEND FS8 FR UV	Halogene	V0 at 1,6 mm	All colours	EI 22538
PC/ASA	SCANBLEND FS8 NH	Non halogene	V0 at 1,6 mm	All colours	EI 22538
PA6 GF30	SCANAMID 6 PA6 B121 F30 FR4	Halogene	V1 at 1,2 mm	All colours	Internal test
PA6	SCANAMID 6 PA6 B121 NH6	Non halogene	V0 at 1,6 mm	All colours	Internal test
PP	POLYfill PP 150 ENH	Non halogene	V0 at 1,6 mm 5VA at 3,2 mm	All colours	EI 22538
PPH GF25	POLYfill PPH GF5025 HC2 ENH	Non halogene	V0 at 0,8 mm V0 at 1,6 mm	NC,RD WT All colors	EI 22538

* For updates on status and listings, Please visit: <https://www.polykemi.se/en/support/ul>