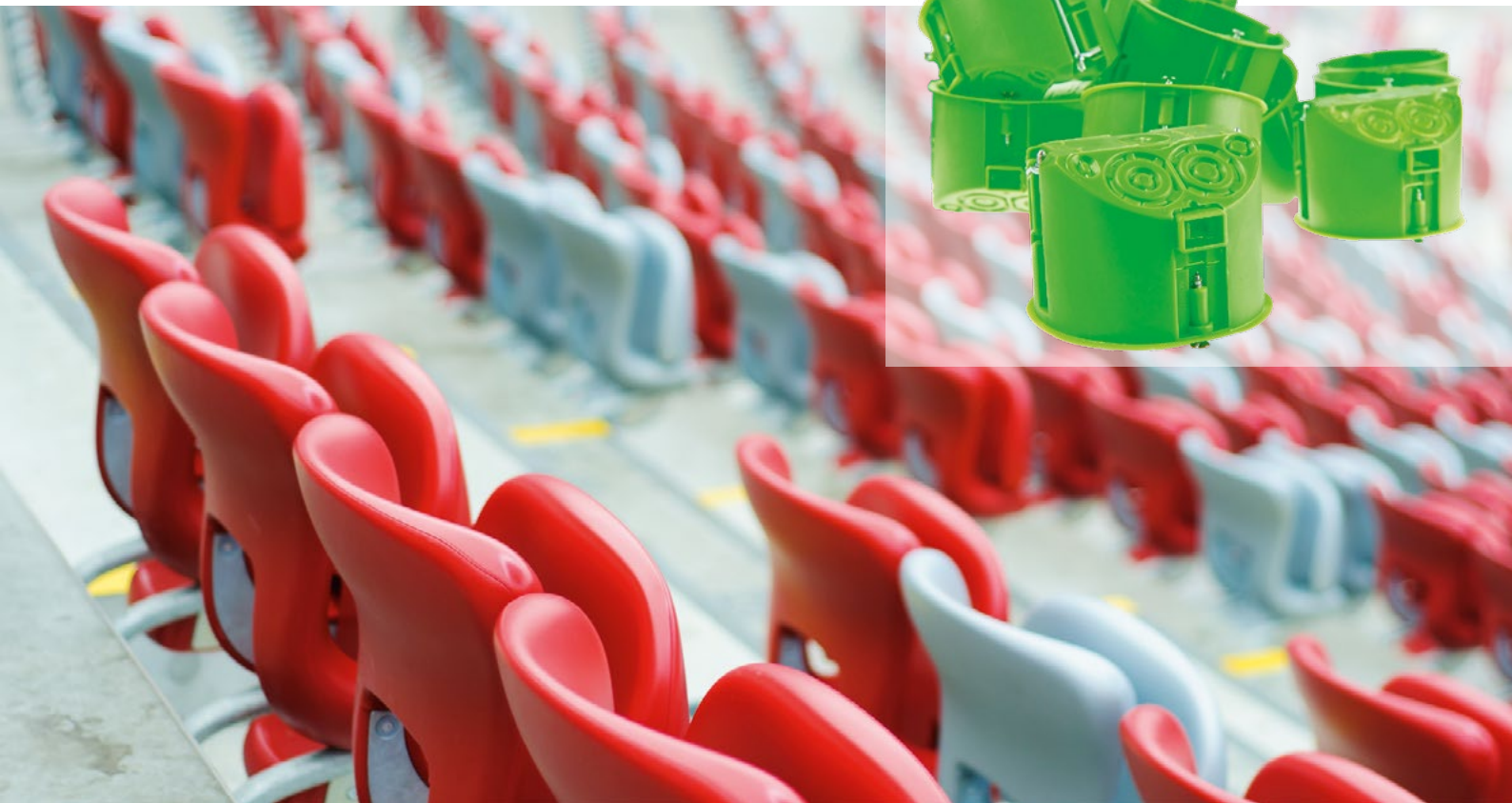


Polyflam PP

Highlight on flame retardant compounds



Polyflam PP Properties

LyondellBasell is an industry leading supplier of flame retardant Polypropylen Compounds.

Properties:

- Choice of Homo-/Copolymers in different colours
- High CTI of 600V
- Flammability ratings - Glow Wire Ignition Temperature - UL approvals - Low smoke density and toxicity
- Environmental aspects: halogen-free available, compliant with WEEE and ROHS regulations

Properties	Units	Polyflam			
		RIPP 2000 S	RPP 374 ND CS1 5V	RPP 1275	RPP 60335 CS1 5V
		PP Copo, unfilled, V2	PP Homo, T20, V0	PP Homo, M20, V0	PP Homo, M25, V0
Density	g/cm ³	0,91	1,5	1,4	1,41
MVR 230°C/2.16kg	cm ³ /10min	13	5	6	1,5
UL 94 (V-)		V-2 @ 1.5 mm	V-0 @ 1.5 mm	V-0 @ 0.75 mm	V-0 @ 0.75 mm
UL 94 (5V-)		-	5VA @ 1.8 mm	-	5VB @ 2.0 mm
GWIT	°C	-	750	750	800
RTI	°C	65	105	115	65
CTI	V	600	600	600	600

Properties	Units	Polyflam				
		RIPP 374 ND CS1 5V	RPP 3225 GW	RPP 4225 CS1	RIPP 4000 OSD	RIPP 5000 CC
		PP Copo, T20, V0	PP Homo, GF25, V0	PP-Homo, GF25, V0	PP Copo, unfilled, V0	PP Copo, unfilled, V2
Density	g/cm ³	1,39	1,39	1,26	1,07	1,12
MVR 230°C/2.16kg	cm ³ /10min	5	20	4	4	3,6
UL 94 (V-)		V-0 @ 0.75 mm	V-0 @ 1.5 mm	V-0 @ 1.6 mm	V-0 @ 0.75 mm	V-2 @ 0.75 mm
UL 94 (5V-)		5VA @ 2.0 mm	-	-	5VA @ 3.0 mm	-
GWIT	°C	750	850	725	725	675
RTI	°C	65	-	65	65	-
CTI	V	600	600	600	600	600

- halogen-free
- yellow card available

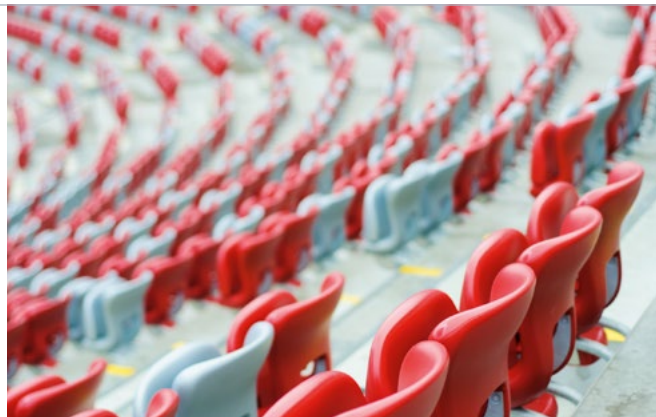
Polyflam PP Markets

Polyflam is designed to meet and exceed your industry's specification and has a long track-record of performance in:

Building & Construction:

| e.g. public/outdoor seating

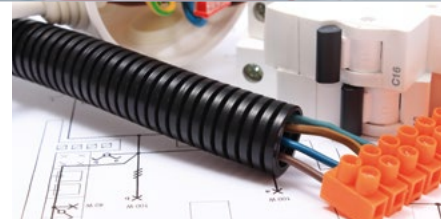
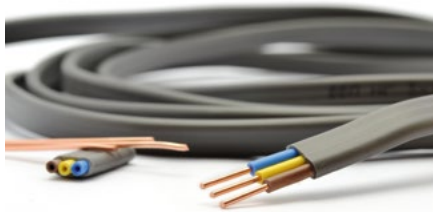
complies with DIN 4102-1, NF P 92-501 Weather- and UV resistant, free of antimony trioxide for brilliant colours



Electrical & Electronic:

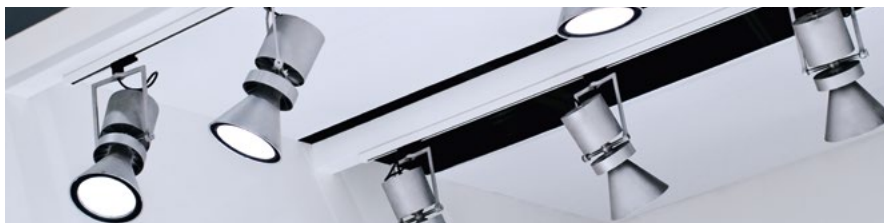
| e.g. wire & cables

flexible and bendable



| e.g. cable ducts, power rails

impact strength and toughness



Household appliances:

| e.g. connectors

exceeding IEC 60335 for unattended household appliances with Glow Wire Ignition Temperature of 0 seconds flame at 775° C, CTI 600 V, UL94 V-0 at 0,8 mm, 5VB at 2 mm



Mobility:

| e.g. fuse boxes and housings, batteries

low warpage, dimensional stable, cost effective



ABOUT US

LyondellBasell (NYSE: LYB) is one of the largest plastics, chemicals and refining companies in the world. Driven by its employees around the globe, LyondellBasell produces materials and products that are key to advancing solutions to modern challenges like enhancing food safety through lightweight and flexible packaging, protecting the purity of water supplies through stronger and more versatile pipes, improving the safety, comfort and fuel efficiency of many of the cars and trucks on the road, and ensuring the safe and effective functionality in electronics and appliances. LyondellBasell sells products into more than 100 countries and is the world's largest producer of polymer compounds and the largest licensor of polyolefin technologies. More information about LyondellBasell can be found at www.LyondellBasell.com.

For more information, visit lyb.com

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Advancing Possible