

Extrusion @ LyondellBasell

Our extrusion compounds – many solutions for any market segment

LyondellBasell offers a wide range of compounds that meet the needs of different applications in all market segments.

Typical behavior for extrusion materials: | High melt strength | High melt viscosity

Building & Construction



Thermal breaker for windows

Schulablend

M/MH 8101 GF 20

- | PPE/PA 20% glass fiber
- | Excellent hydrolytic stability
- | High dimensional stability under heat

Schulamid 6 MV HI K 1893

- | PA 6 high impact
- | low heat conductivity

Schulamid 66 GF 25 E

- | PA 66 25% glass fiber
- | low heat conductivity

Window spacer bar

Polyfort PPH GF40 E

- | PP-homo 40% glass fiber
- | smooth surface
- | low heat conductivity
- | low thermal expansion

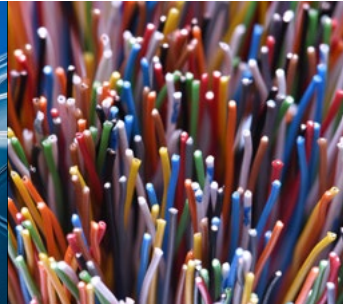
Profiles for

lighting applications

Polyflam RIPP 4000 E

- | PP-copo flame retardant
- | halogen-free
- | meets DIN 4102 building material class B1

Electrical & Electronic



Wire & cable

Polyflam RIPP 5000 CC

- | PP-copo flame retardant
- | good elasticity
- | good bending-property

Optical fiber cables

Schuladur A MV 14

- | PBT unfilled
- | balanced shrinkage behavior
- | high tensile strength

Partitions for electric cabinet

Polyflam SDR 5005 E

- | PS flame retardant
- | antimony free
- | thermo forming

Household & Appliances



Skirting board

Polyfort PPC MT40 E

- | PP-copo 40% talc
- | high impact strength
- | good adhesion to TPE (co-extrusion)

Corrugated tubes

Polyflam RIPP 2000 E

- | PP-copo flame retardant
- | halogen-free
- | GWFI 960°C

Cable ducts, power rails

Polyflam RPP 2000 E

- | PP-homo flame retardant
- | halogen-free

Polyflam RPP 2120 G E

- | PP-homo 20% mineral
- | halogen-free flame retardant
- | good impact strength and toughness

Mobility (Transportation & Automotive)



Corrugated tubes

Schulamid 6 HV0 H FR

- | PA 6 flame retardant
- | halogen-free
- | meets Railway requirements EN 45545-2

Fluid systems

Schulamid 612 FS5003 MC

- | good flowability
- | zinc chlorid resistance
- | designed for metal coating
- | excellent impact resistance

Schulamid 612 FS 4104

- | zinc chlorid and urea resistance
- | excellent impact behavior
- | improved flexibility

Schulamid 612 FS 4003

- | good impact resistance
- | heat stabilized

LyondellBasell's expertise helps you to find the right material fit for purpose.

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