

E&E: Electrical components



LyondellBasell offers a wide range of material solutions that meet the different needs of Electrical Components.

For example GWIT and RTI performance for connectors which are used in unattended household appliances or UL94 V-2 or V-0 and GWFI properties for the use in cabinets.

Our well designed product portfolio offers solutions to meet application needs for all relevant regulations and specifications of electrical component applications.

Features

- Driving the change to halogen free solutions
- Ability to offer recycled content while meeting flame retardant standards
- High competence in colour matching
- Best possible combination of mechanical- and flame retardant properties

Key product offerings

- **Schulamid FR (Polyamide 6 and 66)**
Wide range of RTI listed PA 6 and PA 66 compounds
- **Schuladur FR (Polyester)**
Customized solutions in PBT and PBT Blends for high dimensional stability and low warpage
- **Schulaketon FR (Polyketone)**
Colored *Schulaketon* compounds for high voltage applications
- **Polyflam SDR and HSF (Polystyrol)**
High impact Polystyrene grades with high surface quality
- **Polyflam RPP and RIPP**
PP homo and PP copo based compounds with low smoke density and -toxicity
- **Polyflam RABS (Styrenics)**
UV stable compounds with high mechanical performance and surface quality

Reasons to partner with us.

Key advantages

- **Customization:** Customized product formulations and flexible manufacturing
- **Expert technical support:** Such as material choice, injection molding simulation, guidance on mold and part design as well as practical support on site of processing
- **Technology focus:** Innovative technology and collaborative application development
- **Quality:** Analytical and quality control analysis for product consistency and reliability

No matter how you define success, LyondellBasell has the material expertise, processing know-how, market knowledge and application experience to help you achieve the success you strive for.

We not only offer a rich, diverse portfolio of standard products but also collaborate closely with our customers to understand their unique challenges and create a solution optimizing their processes.



About us

We are LyondellBasell (LYB) – a leader in the global chemical industry creating solutions for everyday sustainable living. Through advanced technology and focused investments, we are enabling a circular and low carbon economy. Across all we do, we aim to unlock value for our customers, investors and society. As one of the world's largest producers of polymers and a leader in polyolefin technologies, we develop, manufacture and market high-quality and innovative products for applications ranging from sustainable transportation and food safety to clean water and quality healthcare. For more information, please visit www.lyb.com or follow [@LyondellBasell](https://www.linkedin.com/company/lyondellbasell) on LinkedIn.

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