

# Modern living: heat-pumps



LyondellBasell provides a comprehensive range of material solutions tailored to the diverse requirements of heat pump applications. 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 and PFAS free heat pump applications.
- Offering broad portfolio based on sustainable feedstock
- High competence in color matching avoiding additional painting process
- Best possible combination of mechanical- and flame-retardant properties
- High UV stability, suitable for outdoor applications

## Key product offerings

- **Schulablend M/MB 6305 SF U (PC/ABS blend)**  
PC/ABS blend material with good UV performance and flowability
  - **Ronfalin ASA 3324 U**  
Customized solutions in ASA for high dimensional stability. Durable for outdoor use.
  - **Schulatec PP EVC 01**  
Pipe extrusion PP compound with special rubber modification. Good resistance to water/glycol for heat pumps with low creep.
- Flame retardant compounds:**
- **Schulamid FR PA6 PA66 (Nylon)**  
High GWIT materials for connector applications.
  - **Polyflam RPP and RIPP**  
PP homo for highest rigidity and PP copoly based compounds for improved impact strength.
  - **Polyflam RABS / RMMB (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, LYB 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](http://www.lyb.com) or follow [@LyondellBasell](https://www.linkedin.com/company/lyondellbasell) on LinkedIn.

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