

AsahiKASEI

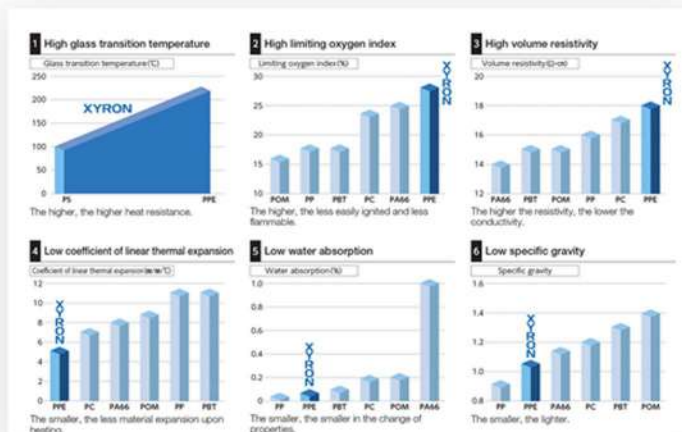
XYRON™

Lightweight polyphenylene ether (PPE)
compounds for battery applications

General Description

XYRON™ engineered resins feature low mold shrinkage, low specific gravity and superior processability. The material also offers non-halogen flame-retardant grades for electric vehicle applications, which makes it a great fit for battery components such as spacers, battery casings and busbar covers.

Material Properties



Application Fields

- Automotive industry (relay blocks, structural parts of lithium-ion batteries and nickel-hydrogen batteries)
- Energy industry (photovoltaic junction box, connectors)
- Other industries (water-related applications)

Benefits for Customers

- Use of Halogen-free flame retardants (UL94 V-0 to HB)
- Outstanding heat resistance range (80 – 170° C)
- Low density
- Excellent dimensional stability
- Low mold shrinkage
- Low water absorption
- High resistance to oils, acids and alkalis
- Excellent electrical properties

Further Information

Find the perfect grade for your needs:

<https://engineering-plastics.asahi-kasei.eu/technical-data-sheet-asahi-kasei/>

