

# BIO-BASED FOAM RESINS FOR BUILDING INSULATION

Hexion has developed a new lignin-based phenol formaldehyde (PF) resin, with application in the construction sector. The resin has been developed specifically for the production of foam insulation products.



## DID YOU KNOW?

**In the new resin a portion of the fossil phenol has been replaced by pyrolytic lignin – a more sustainable, bio-based material.** Initial testing shows the bio-based foams have improved material properties, including better fire performance and compression strength. Thermal conductivity is still good. The product has a lower environmental impact due to the reduced fossil content.



**HEXION**

[www.hexion.com](http://www.hexion.com)

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