

Bio-based Phenolic Resins

Integration of lignin into phenolic resins and
molding compounds

Presented by
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Webinar

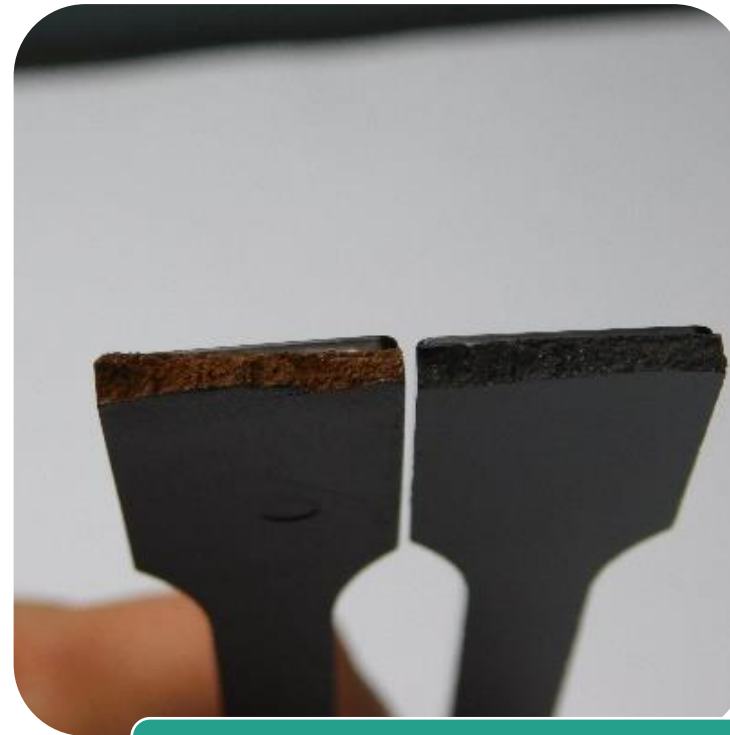
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Molding Compounds

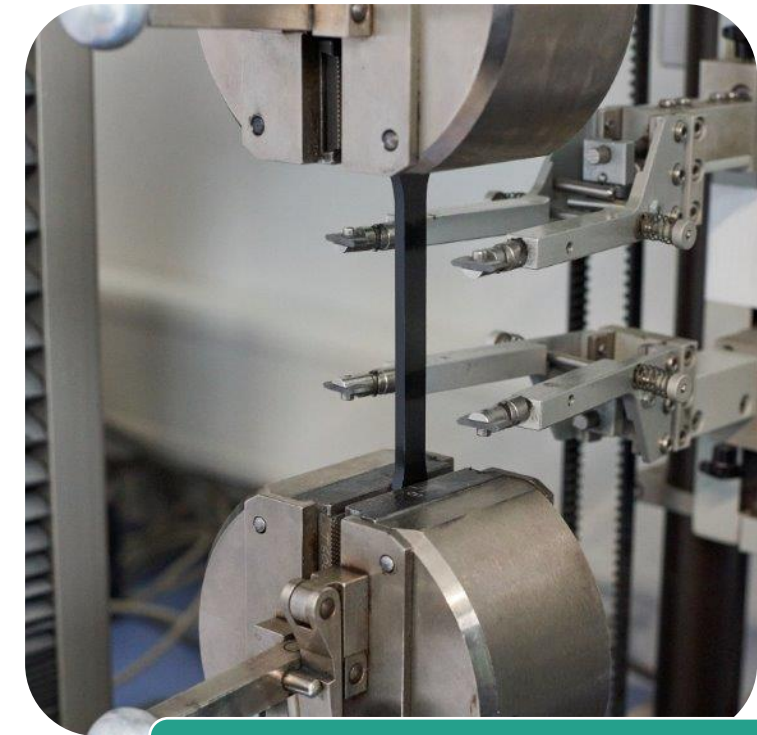
Ready to use granulates for household or automotive segment



MC



Test Specimen



Mechanical test

Different shapes possible



Insulation Foam Resins

1



Synthesis

2



Processing

3

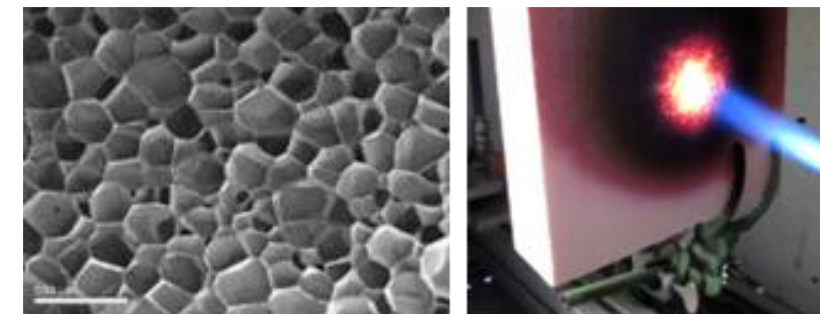
Biobased PF Foam

Standard PF Foam



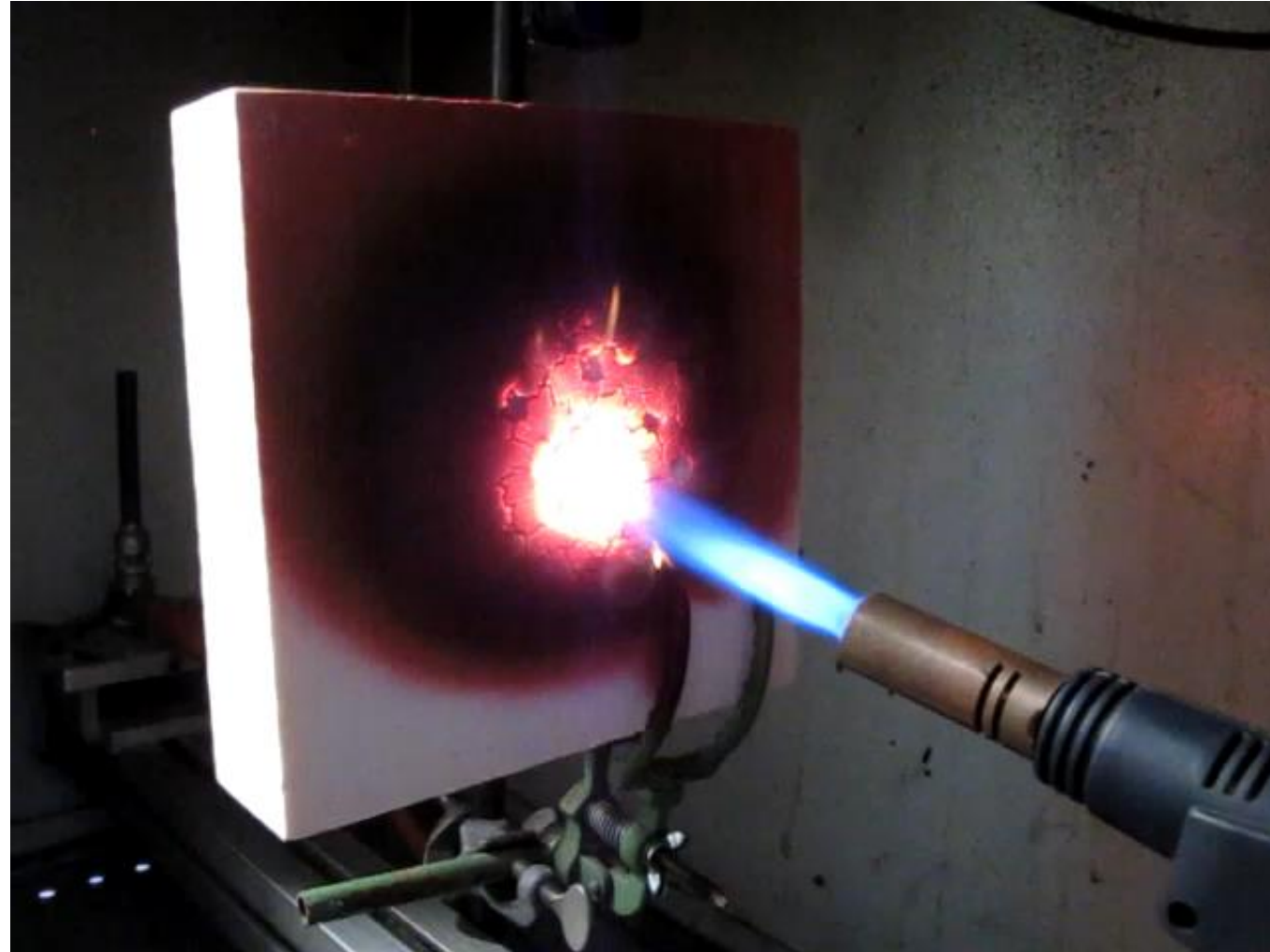
Foam Panels

4



Testing

Resistance to Fire – Improved Quality with Lignin



Standard PF Foam



Bio PF Foam

Bio PF Foam: Reduced popping and spalling and resistance to fire



Thank you for your attention

Further questions?

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