

**a review on thermal insulation and its optimum thickness ...** - ijirst “international journal for innovative research in science & technology| volume 2 | issue 06 | november 2015 issn (online): 2349-6010 **polyisocyanurate foam - thermal insulation** - industrial insulation polyisocyanurate foam benefits & advantages • closed cell structure and excellent moisture resistance. • low and stable thermal conductivity. • rigid, lightweight and strong. • resistant to a wide range of chemicals and solvents. • oil resistant. • compatible with polyester and epoxy resins. • non-fibrous. • resistant to fungus, mould and will **fast pyrolysis and bio-oil upgrading** - fast pyrolysis • rapid thermal decomposition of organic compounds in the absence of oxygen to produce liquids, char, and gas “ dry feedstock: