

compounding WORLD

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ELECTRONICS RECYCLING

JJI offers computer makers a non-halogenated alternative

US-based JJI Technologies aims to help electronics equipment manufacturers improve their environmental profile through the use of its non-halogenated polyolefin compound technology.

The Ohio-based company has been granted a European patent (EP2045288) covering the application of non-halogen flame retardant compounds in fully-recyclable plastic computer housings.

Computer manufacturers typically use a multitude of plastic resins, each of which may incorporate different filler levels, says JJI.

JJI Technologies' polyolefin compounds could simplify recycling of electronic housings



JJI's compounds are based on polypropylene, thermoplastic elastomers, non-halogenated flame retardants and performance enhancing fillers. The company says independent

tests show the compounds can meet UL94-V0 requirements and can be recycled up to five times with minimal loss of physical properties.

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