Cool Polymers®

COOLPOLY® THERMALLY CONDUCTIVE PLASTICS

FOR HEAT EXCHANGERS

CoolPoly thermally conductive injection molding grade thermoplastics are well suited for molding heat exchange tubes, plates, and other heat transfer surfaces. Heat exchangers often have to handle harsh or corrosive fluids that damage metals. Polymeric materials can be used in these applications but with extremely poor efficiency in the heat transfer. Thermally conductive plastics maintain the environmental resistance but significantly improve the heat transfer.

Heat exchangers and components manufactured with thermally conductive plastics provide:

- ENHANCED HEAT TRANSFER
- ENVIRONMENTAL RESISTANCE
- DESIGN FLEXIBILITY
- COMPONENT CONSOLIDATION
- EXTENDED LIFE

CoolPoly E2, E5101 and D5108 thermally conductive plastics are used to fabricate heat exchanger components for the chemical, medical, housing, and swimming pool industries.

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