

ARCEL® Resin Compatibility with EPS

Melt blended into
typical EPS recycle
stream

No effect on
extrusion conditions
at ARCEL resin
levels up to 30%

Slow increase in
die pressure above
30%

Injection molded parts:

- Have uniform composition
- Show small but positive effect on strength
- Confirm compatibility with EPS

Note: The preferable method of recycling ARCEL resin is to grind the molded parts into foam particles and blend with virgin preexpanded ARCEL resin to mold new parts. Regrind addition levels of 10-15 wt.% are commercially viable with minimal impact on foam performance.

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