



Moxietec™

Moxietec Foam Technology Benefits



Density reduction up to 80% from solid



New design space for design simplicity



Injection mold up to 22.9 cm thick parts

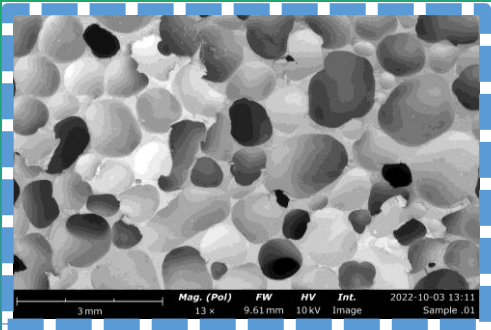
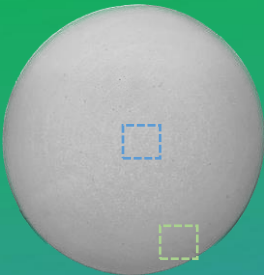


Process up to 100% recycled content with ease

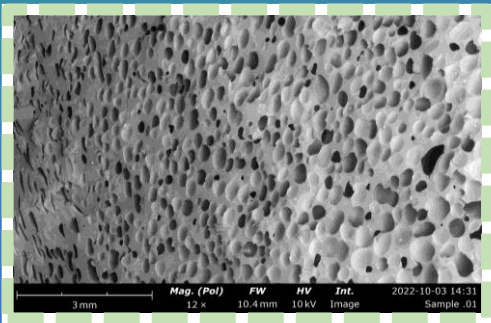


Cycle time reductions > 50% in thick wall applications

Uniform Cell Structure



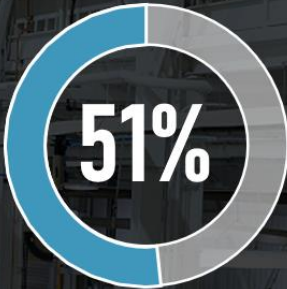
» Uniform cellular structures lead to predictable properties for end products



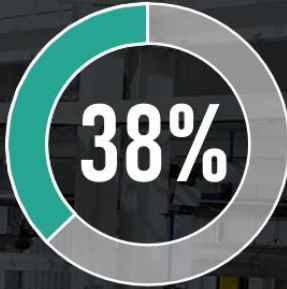
Case Study:
Moxietec Block vs. Concrete Building Block



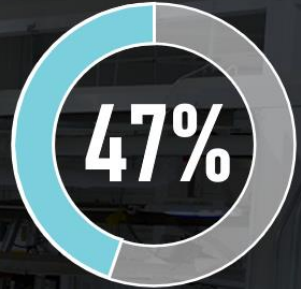
>> Weight reduction from concrete block



SAN



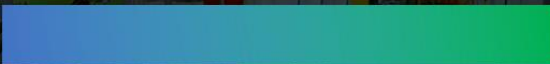
PS



PC

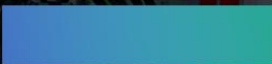
>> Specific ultimate load failure

SAN



22,411 lbf/lb

PS



17,481 lbf/lb

PC



8,710 lbf/lb

Concrete



2,224 lbf/lb

>> Summary of results

>400%

Stronger than
concrete
equivalent



>35%

Weight reduction
from concrete
equivalent



0%

Waste during
assembly



