

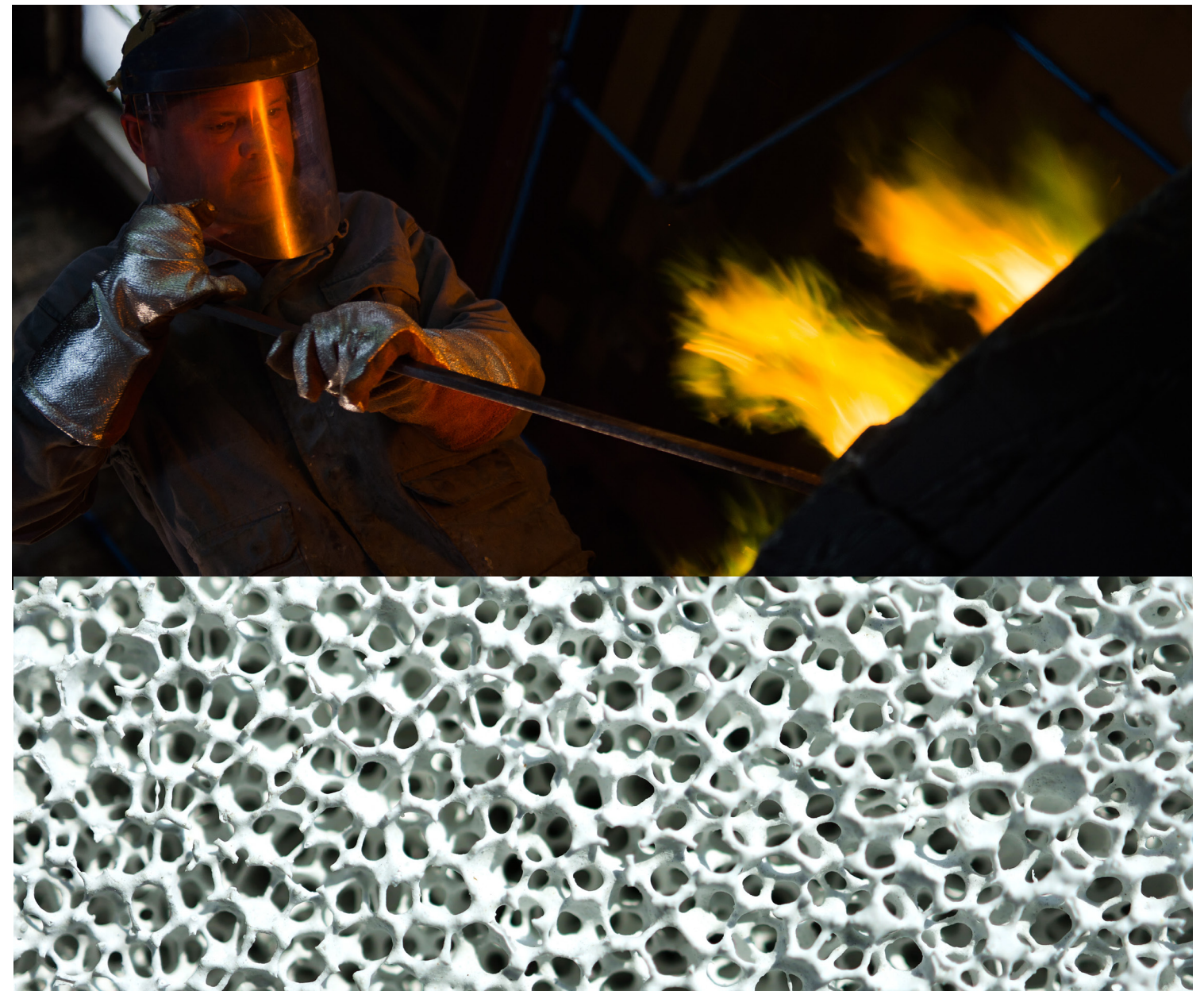
About Carpenter

Founded in 1950, Carpenter Co. is the world's largest vertically integrated manufacturer of polyurethane foams. Carpenter also serves a diversified global marketplace with polyurethane chemical solutions, polyester fibers, and insulation materials through a network of more than 70 production locations. Our 6,500+ employees across the globe seek to provide the most innovative products and solutions with a focus on enhancing the quality of people's lives while being a good steward of our resources.

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RegiCell™ Ceramic Filter Foams



Ceramic Filter Foams

Reticulated foams have a particularly high homogeneity for numerous special applications.

Our filtration foams are used as filters for liquids and gases, and are used as a carrier medium in ceramic filters, catalysts and battery electrodes.



01	RegiCell™ 7 FM 2	
	for stainless steel ceramic filters	
Net density		7 kg/m3
Compression load		4.5 kPa
Tensile Strength		> 90 kPa
Elongation at break		> 80 %
Pores per inch		7

02

RegiCell™ 8 FM 2

for stainless steel ceramic filters

Net density	27 kg/m3
Compression load	4.5 kPa
Tensile Strength	> 110 kPa
Elongation at break	> 100 %
Pores per inch	9

03	RegiCell™ 10 FM 2	
	for iron ceramic filters	
Net density		30 kg/m3
Compression load		4.5 kPa
Tensile Strength		> 110 kPa
Elongation at break		> 100 %
Pores per inch		10

04

RegiCell™ 13 FM 2

for iron ceramic filters

Net density	30 kg/m3
Compression load	4.5 kPa
Tensile Strength	> 110 kPa
Elongation at break	> 100 %
Pores per inch	13

05

RegiCell™ 15 FM 4

for iron/aluminum ceramic filters

Net density	30 kg/m3
Compression load	4.7 kPa
Tensile Strength	> 100 kPa
Elongation at break	> 120 %
Pores per inch	16

06

RegiCell™ 20 FM 4

for aluminum ceramic filters

Net density	30 kg/m3
Compression load	3.8 kPa
Tensile Strength	> 100 kPa
Elongation at break	> 120 %
Pores per inch	19

07

RegiCell™ 25 FM 4

for iron ceramic filters

Net density	30 kg/m3
Compression load	3.8 kPa
Tensile Strength	> 100 kPa
Elongation at break	> 120 %
Pores per inch	23

08

RegiCell™ 30 FM 4

for aluminum ceramic filters

Net density	30 kg/m3
Compression load	3.8 kPa
Tensile Strength	> 100 kPa
Elongation at break	> 120 %
Pores per inch	30

09

RegiCell™ 40 GA

for iron ceramic filters

Net density	30 kg/m3
Compression load	4 kPa
Tensile Strength	> 120 kPa
Elongation at break	> 120 %
Pores per inch	37

10

RegiCell™ 50 GA

for aluminum ceramic filters

Net density	30 kg/m3
Compression load	4 kPa
Tensile Strength	> 150 kPa
Elongation at break	> 120 %
Pores per inch	48