



PERU, ILLINOIS

3% BLOWING AGENT

| Product | Blowing Agent (%) | Bead Size | Unexpanded (mm) | Ideal Density Range (lbs./ft <sup>3</sup> ) | Method of Processing |
|---------|-------------------|-----------|-----------------|---|----------------------|
| I3354   | 3.5 +- 0.3        | A         | 1.1-1.4         | 1.00 - 2.00                                 | Block                |
| S5354   | 3.5 +- 0.3        | B         | 0.7-1.4         | 1.50 - 3.00                                 | Block or shape       |
| I5354   | 3.5 +- 0.3        | B         | 0.7-1.4         | 1.50 - 3.00                                 | Block or shape       |
| S7354   | 3.5 +- 0.3        | C         | 0.4-0.8         | 1.25 - 2.00                                 | Block or shape       |

4% BLOWING AGENT

| Product | Blowing Agent (%) | Bead Size | Unexpanded (mm) | Ideal Density Range (lbs./ft <sup>3</sup> ) | Method of Processing |
|---------|-------------------|-----------|-----------------|---|----------------------|
| 3454    | 4.8 +- 0.3        | A         | 1.1-1.4         | 0.90 - 3.00                                 | Block                |
| S5454   | 4.8 +- 0.3        | B         | 0.7-1.4         | 0.90 - 3.00                                 | Block or shape       |
| I7454   | 4.8 +- 0.3        | C         | 0.4-0.8         | 1.15 - 2.50                                 | ICF                  |
| S7454   | 4.8 +- 0.3        | C         | 0.4-0.8         | 1.15 - 2.50                                 | ICF                  |

6% BLOWING AGENT

| Product | Blowing Agent (%) | Bead Size | Unexpanded (mm) | Ideal Density Range (lbs./ft <sup>3</sup> ) | Method of Processing |
|---------|-------------------|-----------|-----------------|---|----------------------|
| 3654    | 6.6 +- 0.4        | A         | 1.1-1.4         | 0.90 - 1.25                                 | Block                |
| 5654    | 6.6 +- 0.4        | B         | 0.7-1.4         | 0.90 - 1.25                                 | Block                |
| S5654   | 6.6 +- 0.4        | B         | 0.7-1.4         | 0.90 - 1.25                                 | Block                |
| S7654   | 6.6 +- 0.4        | C         | 0.4-0.8         | 0.90 - 1.50                                 | Block                |
| 7654    | 6.6 +- 0.4        | C         | 0.4-0.8         | 0.90 - 1.50                                 | Block                |



MONTREAL, CANADA

4% BLOWING AGENT

| Product | Blowing Agent (%) | Bead Size | Unexpanded (mm) | Ideal Density Range (lbs./ft <sup>3</sup> ) | Method of Processing |
|---------|-------------------|-----------|-----------------|---|----------------------|
| MB590N  | 4.45 +- 0.25      | B         | 0.7-1.5         | 0.90 - 3.00                                 | Block                |

5% BLOWING AGENT

| Product | Blowing Agent (%) | Bead Size | Unexpanded (mm) | Ideal Density Range lbs./ft <sup>3</sup> | Method of Processing |
|---------|-------------------|-----------|-----------------|--|----------------------|
| MB500L  | 5.0 +- 0.2        | B         | 0.7-1.5         | 0.90 - 3.00                              | Block                |
| MB500R  | 5.0 +- 0.2        | B         | 0.7-1.5         | 0.90 - 3.00                              | Block                |
| MB590L  | 5.0 +- 0.2        | B         | 0.7-1.5         | 0.90 - 3.00                              | Block                |
| MC500B  | 5.9 +- 0.3        | C         | 0.4-0.7         | 0.90 - 1.25                              | Shape                |
| MC500L  | 5.15 +- 0.15      | C         | 0.4-0.7         | 1.15 - 2.00                              | Block                |
| MC500R  | 5.7 +- 0.5        | C         | 0.4-0.7         | 1.35 - 1.50                              | Block                |
| MC590L  | 5.15 +- 0.15      | C         | 0.4-0.7         | 1.15 - 2.00                              | Block                |

6% BLOWING AGENT

| Product | Blowing Agent (%) | Bead Size | Unexpanded (mm) | Ideal Density Range (lbs./ft <sup>3</sup> ) | Method of Processing |
|---------|-------------------|-----------|-----------------|---|----------------------|
| MA500B  | 6.0 +- 0.3        | A         | 0.9-1.9         | 0.75 - 1.25                                 | Block                |
| MB500C  | 6.0 +- 0.3        | B         | 0.7-1.5         | 0.90 - 1.25                                 | Block                |
| MB500E  | 6.3 +- 0.3        | B         | 0.7-1.5         | 0.90 - 1.75                                 | Block                |
| MB590E  | 6.0 +- 0.3        | B         | 0.7-1.5         | 0.90 - 1.25                                 | Block                |
| MC590E  | 6.15 +- 0.25      | C         | 0.4-0.7         | 1.00 - 3.00                                 | Block                |