



Flame Retardant Product Specifications

PERU, ILLINOIS

3% BLOWING AGENT

Product	Pentane Range	Bead Size	Unexpanded mm	Ideal Density Range lb/cuft	Market Segment
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	Pentane Range	Bead Size	Unexpanded mm	Ideal Density Range lb/cuft	Market Segment
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	Pentane Range	Bead Size	Unexpanded mm	Ideal Density Range lb/cuft	Market Segment
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



Flame Retardant Product Specifications

MONTREAL, CANADA

4% BLOWING AGENT

Product	Pentane Range	Bead Size	Unexpanded mm	Ideal Density Range lb/cuft	Market Segment
MB590N	4.45 +- 0.25	B	0.7-1.5	0.90 - 3.00	Block

5% BLOWING AGENT

Product	Pentane Range	Bead Size	Unexpanded mm	Ideal Density Range lb/cuft	Market Segment
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	Pentane Range	Bead Size	Unexpanded mm	Ideal Density Range lb/cuft	Market Segment
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