

Expandable Polystyrene Resins



Product Chart

Recommended Minimum Expanded Density

	Targeted Pentane Content (% Weight)	Mean Unexpanded Bead Size (millimeters)	Single Pass Continuous (Pounds per Cubic Foot (pcf))	Double Pass Continuous (pcf)	Batch (pcf)	End-Use Applications
Modified Grades						
33MA	6.4	1.40	0.90	0.75	0.90	Insulation, Bean Bags, SIPs, Flotation
33MB	6.1	0.85	1.00	0.80	0.90	Insulation, SIPs, ICFs, Fabricated Packaging
33MC	5.9	0.50	1.25	1.00	1.00	Insulation, SIPs, ICFs, Fabricated & Custom Packaging
33MAHD	5.3	1.40	1.35	0.90	0.90	Insulation, Board Stock, Geofoam
33MBHD	5.2	0.85	1.35	0.90	0.90	Insulation, SIPs, ICFs, Fabricated Packaging, Geofoam
35MB	5.2	0.85	1.25	1.00	1.00	Insulation, SIPs, ICFs, Fabricated & Custom Packaging
35MC	5.0	0.50	1.50	1.15	1.10	Insulation, SIPs, ICFs, Fabricated & Custom Packaging
M77A	6.3	1.25	0.90	0.75	0.85	Insulation, Bean Bags, SIPs, Flotation
M77B	6.5	0.85	0.90	0.75	0.90	Insulation, SIPs, Fabricated Packaging
M77BX	6.5	0.85	0.90	0.75	0.90	Insulation, SIPs, Fabricated Packaging, Faster Age/Cycle Times
Low Pentane Modified Grades						
35MAG	4.1	1.40	2.20	-	1.25	High Density, Types XIV and XV, Geofoam
35MBG	4.0	0.85	2.20	-	1.25	High Density, Types XIV and XV, Geofoam
35MCG	3.9	0.50	-	-	1.40	High Density, Types XIV and XV, Geofoam
M77BLV	4.5	0.85	1.20	0.90	0.90	Insulation, SIPs, ICFs, Fabricated Packaging, Geofoam
M77AG	4.2	1.25	2.00	-	0.95	High Density, Types XIV and XV, Geofoam
M77BG	3.8	0.85	2.20	-	1.25	High Density, Types XIV and XV, Geofoam
M77CG	4.5	0.60	-	-	1.30	Insulation, ICFs, Fabricated & Custom Packaging, Lamination, Geofoam
Regular Grades						
34RA	6.1	1.40	1.10	0.90	0.90	Fabricated Packaging
34RB	5.9	0.85	1.20	1.00	1.00	High Strength Packaging and Produce Boxes
34RC	5.7	0.50	1.25	1.00	1.00	High Strength Packaging and Produce Boxes
R185B	5.2	0.85	1.40	-	1.10	High Strength Packaging and Produce Boxes
R185C	5.6	0.60	1.60	-	1.10	High Strength Packaging and Produce Boxes
Low Pentane Regular Grades						
34RAIP	4.8	1.40	-	-	0.90	Fabricated Packaging
34RBIP	4.7	0.85	-	-	1.00	High Strength Packaging and Produce Boxes
34RCIP	4.5	0.50	-	-	1.10	High Strength Packaging and Produce Boxes
34RALV	4.2	1.40	-	-	1.20	High Density Fabricated Packaging
34RBLV	4.2	0.85	-	-	1.20	High Strength/High Density>1.25pcf Packaging and Produce Boxes
34RCLV	4.0	0.50	-	-	1.40	High Strength/High Density>1.50pcf Packaging and Produce Boxes
R175BLV	3.5	0.85	-	-	1.60	High Strength/High Density>1.80pcf Packaging and Produce Boxes
R185BLV	4.0	0.85	2.20	-	1.20	High Strength Packaging and Produce Boxes
DYLITE® Specialty Grades						
F271CNL	6.0	0.50	1.60	-	1.20	Thin Wall Packaging, Containers
F271TN	5.6	0.40	3.00	-	2.70	Noodle Bowls, Cups and Containers
F271TNL	5.6	0.40	3.00	-	2.70	Noodle Bowls, Cups, and Containers
Make to Order Grades						
F271TF	5.6	0.40	2.50	-	1.80	Foundry Foam

Product grades produced at Painesville begin with a number

Product grades produced at Beaver Valley begin with a letter

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