

# 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
<b>Modified Grade</b>						
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
M77C	6.5	0.60	1.20	1.00	1.00	Insulation, SIPs, Fabricated Packaging, Lamination
<b>Low Pentane Modified Grades</b>						
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
<b>Regular Grades</b>						
34RA	6.1	1.40	1.10	0.90	0.90	Fabricated Packaging, Flotation
34RB	5.9	0.85	1.20	1.00	1.00	Packaging
34RC	5.7	0.50	1.25	1.00	1.00	Packaging
R185B	5.2	0.85	1.40	-	1.10	Packaging
R185C	5.6	0.60	1.60	-	1.10	Packaging
<b>Low Pentane Regular Grades</b>						
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
R185BLV	4.0	0.85	2.20	-	1.20	Packaging
<b>DYLITE® Specialty Grades</b>						
F271C	6.1	0.50	1.60	-	1.20	Thin Wall Packaging, Containers
F271T	5.6	0.40	3.00	-	2.70	Cups and Containers
F271TN	5.6	0.40	3.00	-	2.70	Noodle Bowls, Cups and Containers
F271TL	5.6	0.40	3.00	-	2.70	Cups and Containers
F271TF	5.6	0.40	2.50	-	1.80	Foundry Foam
F271TNL	5.6	0.40	3.00	-	2.70	Noodle Bowls, Cups, and Containers
<b>Make to Order Grades</b>						
M77BHD	5.5	0.85	1.15	0.80	0.90	Insulation, SIPs, Fabricated Packaging, Geofoam

Values and applications presented are typical, and are intended as guides only, not as specifications.

The NOVA Chemicals logo is a registered trademark of NOVA Brands Ltd.; authorized use/utilisation autorisée

DYLITE is a registered trademark of NOVA Chemicals, Inc.

The above information is provided in good faith. NOVA Chemicals is not responsible for any processing or compounding which may occur to produce finished articles, packaging materials or their components. Further, NOVA CHEMICALS MAKES NO WARRANTY OR REPRESENTATION OF ANY KIND, REGARDING THE INFORMATION GIVEN OR THE PRODUCTS DESCRIBED, AND EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, REPRESENTATIONS AND CONDITIONS, INCLUDING WITHOUT LIMITATION ALL WARRANTIES AND CONDITIONS OF QUALITY, MERCHANTABILITY AND SUITABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Responsibility for use, storage, handling and disposal of the products described herein is that of the purchaser or end user.

Product grades produced at Painesville begin with a number

Product grades produced at Beaver Valley begin with a letter