

Product Chart: Expandable Polystyrene (EPS)

Focused Applications

NexKemia's EPS Products	Typical Pentane Content (%wt)	Unexpanded Bead Size Distribution (mm)	Recommended Pre-Expanded Density Range (pcf)	Focused Applications													
				Contains Flame Retardant	21 CFR (FDA) & EU 10/2011 Compliant	Block Molding at Higher Densities	Block Molding at Mid-Range Densities	Block Molding at Lower Densities	ICF	Shape Molding	Geofoam	Insulated Coolers	Fresh Food & Fish Shippers	High Strength Packaging	Furniture & Bean Bags	Designed for Color	Flotation
Graphite Modified Grades																	
MT55L	5,5	0.85 – 1.4	0,95 – 1,80	✓			✓	✓	✓	✓		✓					
MT55K	5,5	0.85 – 1.4	0,95 – 1,80	✓			✓	✓	✓	✓		✓					
MT35L	5,5	0.40 – 0.85	1,15 – 3,00	✓			✓		✓	✓		✓					
MT35K	5,5	0.40 – 0.85	1,15 – 3,00	✓			✓		✓	✓		✓					
MT54H	4,0	0.85 – 1.4	1,50 – 3,00	✓		✓	✓		✓	✓		✓					
Modified Grades																	
M664D	6,4	1.0 – 1.7	0,75 – 1,10	✓				✓							✓		✓
M464D	6,4	0.7 – 1.1	0,80 – 1,10	✓				✓									
M465D	6,4	0.7 – 1.1	0,90 – 1,25	✓			✓	✓									
M364D	6,4	0.4 – 0.7	0,95 – 1,25	✓				✓									
M363D	6,4	0.4 – 0.7	0,95 – 1,40	✓			✓	✓	✓								
M365D	6,4	0.4 – 0.7	1,00 – 4,00	✓		✓	✓		✓	✓							
M547E	4,6	1.0 – 1.7	1,20 – 4,00	✓		✓	✓			✓							
M548D	4,6	1.0 – 1.7	0,90 – 1,25	✓			✓	✓									
M544D	4,6	1.0 – 1.7	0,95 – 1,25	✓			✓	✓									
M444D	4,6	0.6 – 1.1	1,00 – 1,40	✓			✓	✓			✓						
M447E	4,6	0.6 – 1.1	1,20 – 4,00	✓		✓	✓		✓	✓	✓						
M448P	4,6	0.6 – 1.1	1,20 – 4,00	✓		✓	✓		✓	✓	✓					✓	
M244D	4,6	0.4 – 0.6	1,10 – 4,00	✓		✓	✓		✓	✓							
MG44C	4,7	0.4 – 1.7	1,00 – 4,00	✓			✓	✓			✓						
Modified Low Pentane																	
M537E	3,9	1.0 – 1.7	1,50 – 4,00	✓		✓	✓			✓							
M334E	3,9	0.4 – 0.7	1,20 – 4,00	✓			✓		✓	✓							
MC34E	3,9	0.7 – 1.7	1,00 – 2,00	✓			✓										
MC37E	3,9	0.4 – 1.1	1,50 – 4,00	✓		✓	✓		✓	✓	✓						
Regular (General Purpose)																	
R641E	4,8	1.0 – 1.7	0,90 – 1,20		✓										✓		✓
R441E	4,8	0.7 – 1.1	1,00 – 2,50		✓					✓		✓	✓				
R341E	4,8	0.4 – 0.7	1,10 – 3,00		✓					✓		✓	✓				
Regular Low Pentane Grades																	
R549C	4,0	0.6 – 1.7	1,25 – 4,00		✓					✓		✓	✓	✓			
R249C	4,0	0.4 – 0.6	1,25 – 4,00		✓					✓		✓	✓	✓			
R539C	3,5	0.6 – 1.7	1,50 – 4,00		✓					✓		✓	✓	✓			
R239C	3,5	0.4 – 0.6	1,50 – 4,00		✓					✓		✓	✓	✓			

24 Bellevue Street
Mansonville, Qc, Canada
JOE 1X0
1-450-292-3333
1-877-559-2333