

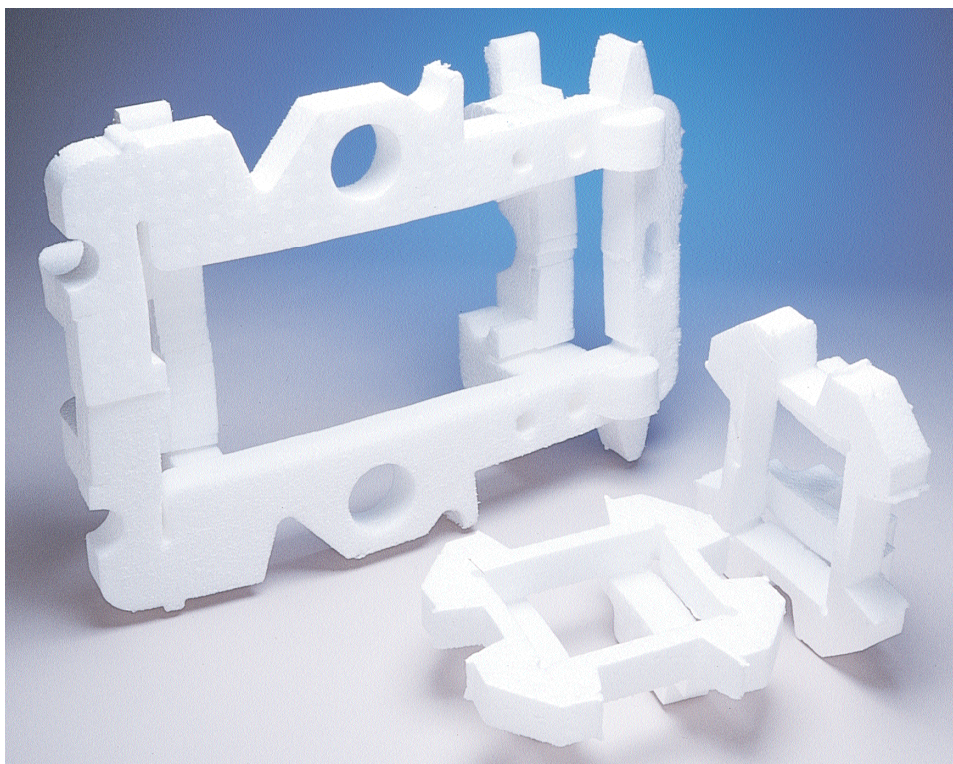
## RMB POLYPROPYLENE OR POLYETHYLENE PLANK

Resilient molded plank foam in either polypropylene or polyethylene is the newest entry in the field of cushion packaging foams. Developed over ten years ago in Europe, RMBs are now starting to appear in the U.S. as a packaging option.

RMBs are notable in their ability to support high levels of weight over long periods of time, without significant loss of cushioning performance or bearing area thickness, a critical dimension if heavy products must withstand rough handling or long periods in storage.

RMB polyethylene is available in either 1.5 or 1.9 PCF densities. The RMB polypropylene is available in either 1.3 or 1.9 PCF densities. Both are available in either black or white colors.

If a high strength foam is needed, this is one to consider. A Houston Foam Plastics representative would like to discuss these products with you to determine their suitability.



			EPERAN Polyethylene			EPERAN PP Polypropylene		
Property	Test Method	Value	Bead Type			Bead Type		
			PE 38	PE 30	PE 20	PP45	PP30	LBS 20
Density	ASTM D-3575	lb/ft <sup>3</sup>	1.5	1.9	2.8	1.3	1.9	2.8
Compressive Strength	ASTM D-3575	% @						
		25%	11.4	11.4	20.2	13.6	21.5	43.4
		50%	19.9	21.3	33.4	21.7	32.9	58.7
		75%	51.1	52.5	72.7	51.6	72.3	119.8
Tensile Strength	ASTM D-3575	PSI	48.3	39.8	68.9	34.7	61.4	87.5
Elongation	ASTM D-3575	%	34.2	38.4	28.5	16.6	15.7	13.4
Tear Strength	ASTM D-3575	lb/in	15.2	17.4	17.9	11.5	20.3	17.7
Compressive Set	ASTM D-3575	%	3.0	4.2	2.1	8.1	8.2	8.3
Buoyancy	ASTM D-3575	lb/ft <sup>3</sup>	60.2	60.3	59.3	61.4	60.7	59.2
Thermal Conductivity	ASTM D-3575	BTU/ft-hr-°F	.028	.026	.025	.024	.024	.024
Combustion Speed	MVSS 302	in/min	2.0	2.0	1.5	2.0	1.5	1.5