

JMS 1000

JMS 1000 is a high impact, ultra high molecular polyethylene material used when repeated flexibility is required. Because of its strength, JMS 1000 can be used to fabricate foot orthoses, braces, shells, unbreakable splints, hand prostheses, and much more.



AN ULTRA HIGH MOLECULAR WEIGHT, HIGH-DENSITY POLYETHYLENE PLASTIC SHEET - TAN COLOR

PRODUCT #	THICKNESS	SIZE	SF/SHEET
1000-10	1.0 mm	36" x 37.5"	9.4
1000-20	2.0 mm	36" x 37.5"	9.4
1000-30	3.0 mm	36" x 37.5"	9.4
1000-40	4.0 mm	36" x 37.5"	9.4
1000-50	5.0 mm	36" x 37.5"	9.4

Processing Information:

JMS 1000 may be formed at a suggested temperature of 325 – 375 deg. F for 4 – 12 minutes, depending on the thickness and individual oven conditions. Shrinkage is normal when heated. Do not mold directly over wet cast. Use a stockinette. If the material flows, melts, puddles, or bubbles, then the material has been overheated or left in the oven too long.

30 or more sheets: Deduct 10%

40 or more sheets: Deduct 15%