MULTI-LAYERED POLYMER SHEET AND METHOD OF FORMING THE SAME AND BRACE

ABSTRACT

Multi-layered polymer sheets include a first hard polymer film with an elastic modulus of 1000 MPa to 2500 MPa, and a first soft polymer film with an elastic modulus of 100 MPa to 1000 MPa disposed on the first hard polymer film. The elastic modulus of the first hard polymer film is greater than that of the first soft polymer film by at least 500 MPa. The first hard polymer film includes a thermoplastic polymer, and the first soft polymer film includes a thermoset polymer.

FIG. 1