

REINFORCEMENT FABRIC PLY AND COMPOSITE

ABSTRACT

A reinforcing fabric (10) comprises reinforcing warp cords (12) and weft cords (14) that melt at a temperature of 200 to 300° F. The weft cords (14) hold the warp cords (12) in position relative to one another when the fabric (10) is being calendered and placed in an elastomeric composite, but melt at the normal curing temperature of an elastomer to form domains (17) of polymer in the cured composite. The reinforcing fabric (10) has particular use as reinforcement in V-belts.

Fig. 5.