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(54) Title: OLEFIN POLYMERS. (57) Abstract A polyolefin plaque is produced by hot compaction of an assembly of melt spun oriented fibres. It has been found that good compaction can be achieved at relatively low compaction pressures, less than 10 MPa. Compaction can be carried out in an autoclave, rather than in a hot compaction press, and the mechanical properties of plaques so produced range from good to excellent.		