

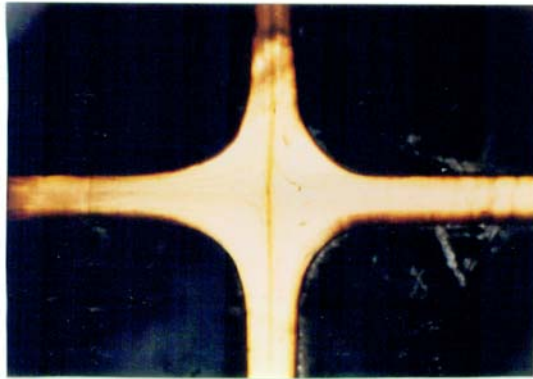
# Demixing of PS/PVME blends Due to Extensional Flow

Katsaros et al. (1989)

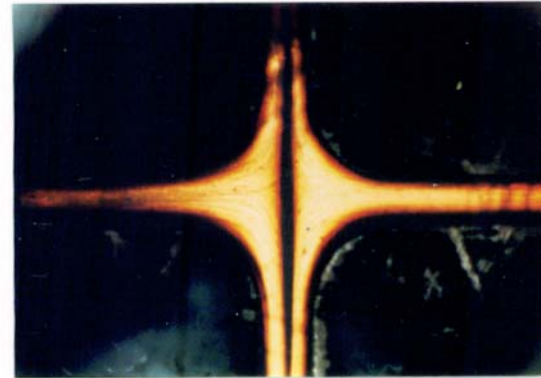
64/36 PS/PVME blend : 9 K below LCST, Rate:  $1.02 \text{ s}^{-1}$

PS:  $M_w=348,000$   $z=1.9$

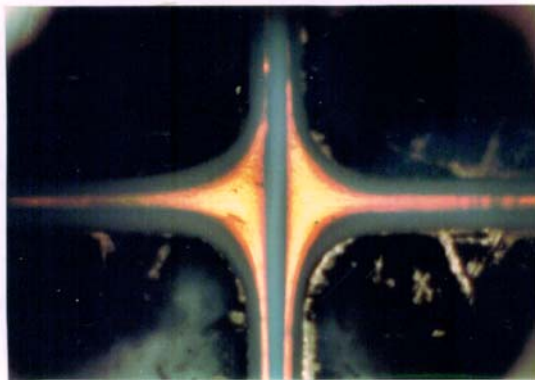
PVME:  $M_w=48,000$   $z=1.9$



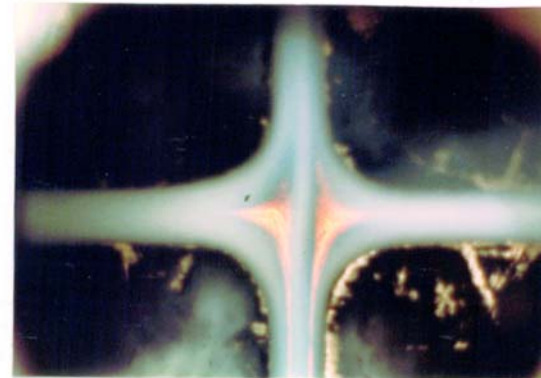
At rest



At the onset of flow



After 1 min



After 2 min

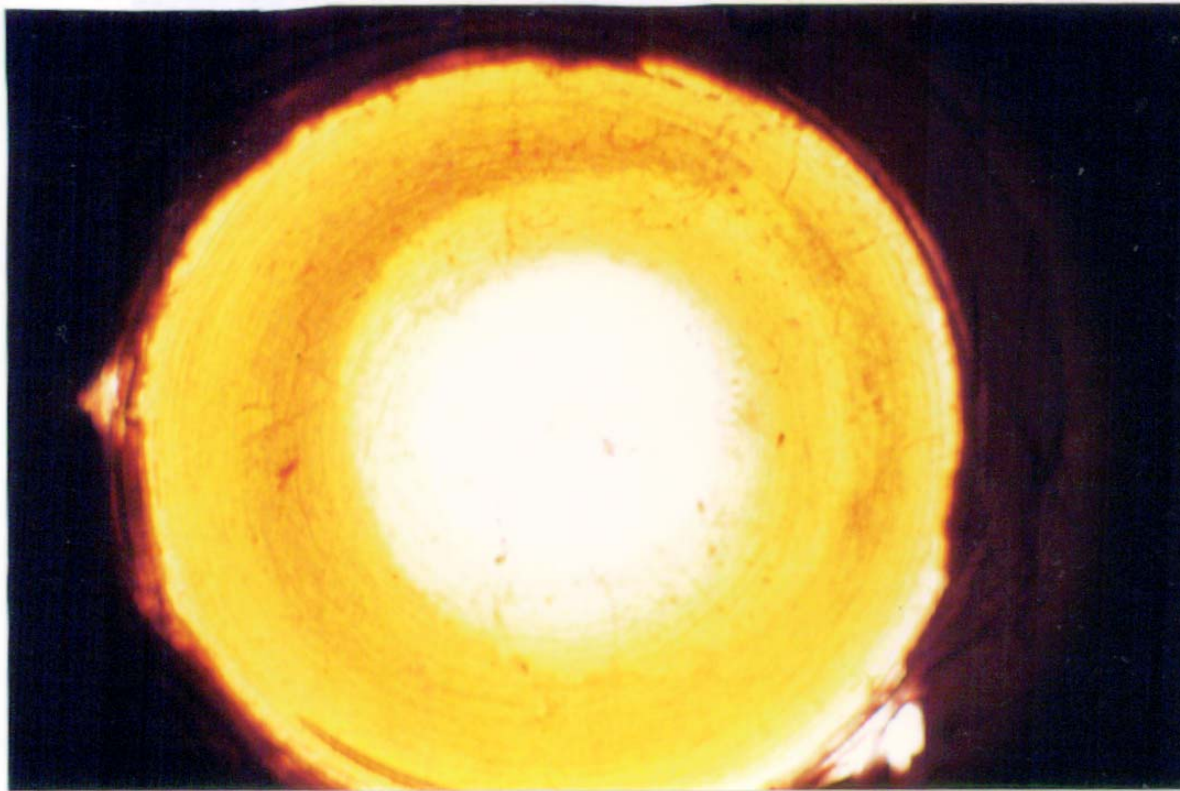
# Demixing of PS/PVME blends Due to Shear Flow

Katsaros et al. (1989)

44/66 PS/PVME blend : 25 K below LCST, Rate:  $0.1 \text{ rad s}^{-1}$

PS:  $M_w=348,000$   $z=1.9$

PVME:  $M_w=48,000$   $z=1.9$



2 min from the onset of flow