

mesomorphic state

A state of matter in which the degree of molecular order is intermediate between the perfect three-dimensional, long-range positional and orientational order found in solid crystals and the absence of long-range order found in isotropic liquids, gases, and amorphous solids.

Source:

PAC, 2002, 74, 493 (*Definitions of basic terms relating to polymer liquid crystals(IUPAC Recommendations 2001)*) on page 495