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web the relative electronegativities of the bonded atoms is h c cl and so the bond moments all point toward the cl end of the molecule and sum to yield a considerable dipole moment the molecules are relatively polar for molecules of high symmetry such as bf<sub>3</sub> trigonal planar ch<sub>4</sub> tetrahedral pf<sub>5</sub> trigonal bipyramidal and sf<sub>6</sub>

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