

Minimum at $\mathbf{Q} = (Q_m, Q_m)$ (with Q_m determined by hot spots) with

$$\begin{aligned}\mathcal{P}(\mathbf{k}) = & 0.993(\cos k_x - \cos k_y) \\ & - 0.058(\cos(2k_x) - \cos(2k_y))\end{aligned}$$

**Incommensurate
 d -form factor density wave**