

## **SUBFILE POPULATION IN 2020 POWDER DIFFRACTION FILE™ (PDF®) RELEASE**

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The classification of entries into various subfiles and subclasses are important to enhance the effectiveness of search/match for phase identification using the Powder Diffraction File™ (PDF®). The identification and assignment of subfiles is accomplished in two ways: (i) Manually, by ICDD's editorial team and task group members, (ii) Semi-automatically, by a query-based assignment that compares entries with matching chemistry and similar crystallographic parameters (with a userdefined tolerance factor). New subfile entries are reviewed by various editors and task group members for consistency. This poster is a report on the subfile population in the upcoming 2020 PDF® Release and the proposed subfiles for future releases, which will include Solar Materials (SOL) and Thermal Expansion Materials (THX).