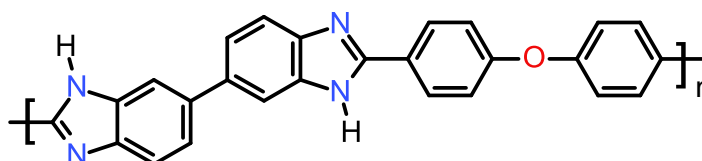


Technical Data Sheet

1M Material:	PBI2, solution processible, and film application
Chemical Family:	Polybenzimidazole (PBI)
Characteristic	Solution processible
Potential Applications:	High strength and stable proton exchange membrane Coatings, laminates and adhesives for high temperature and aerospace applications.

Chemical Structure:



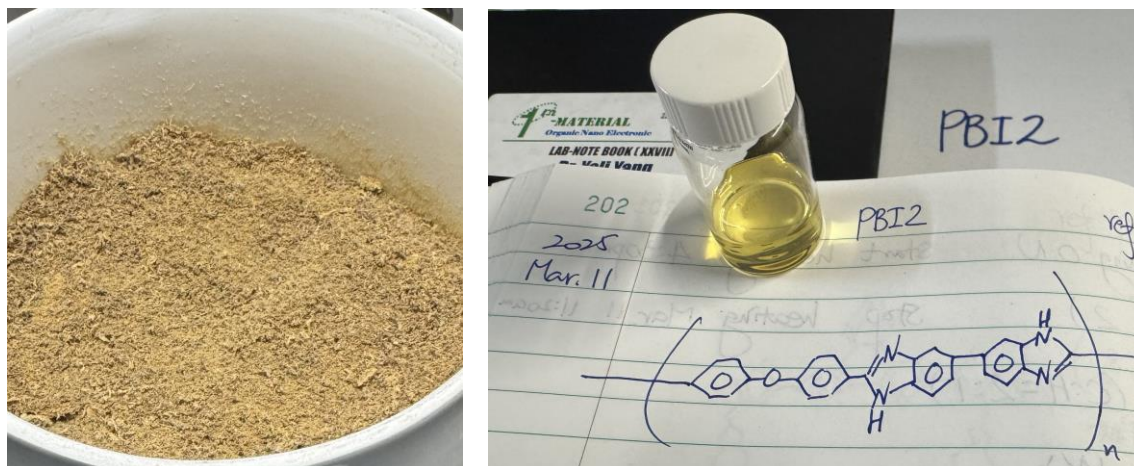
PBI2

Appearance:	Linen to straw fiber-like solid
Molecular weight	Mn~20K, PDI~2 (estimated)
Solubility:	DMSO, DMAc, and other selected solvents
Purity:	99% (NMR)

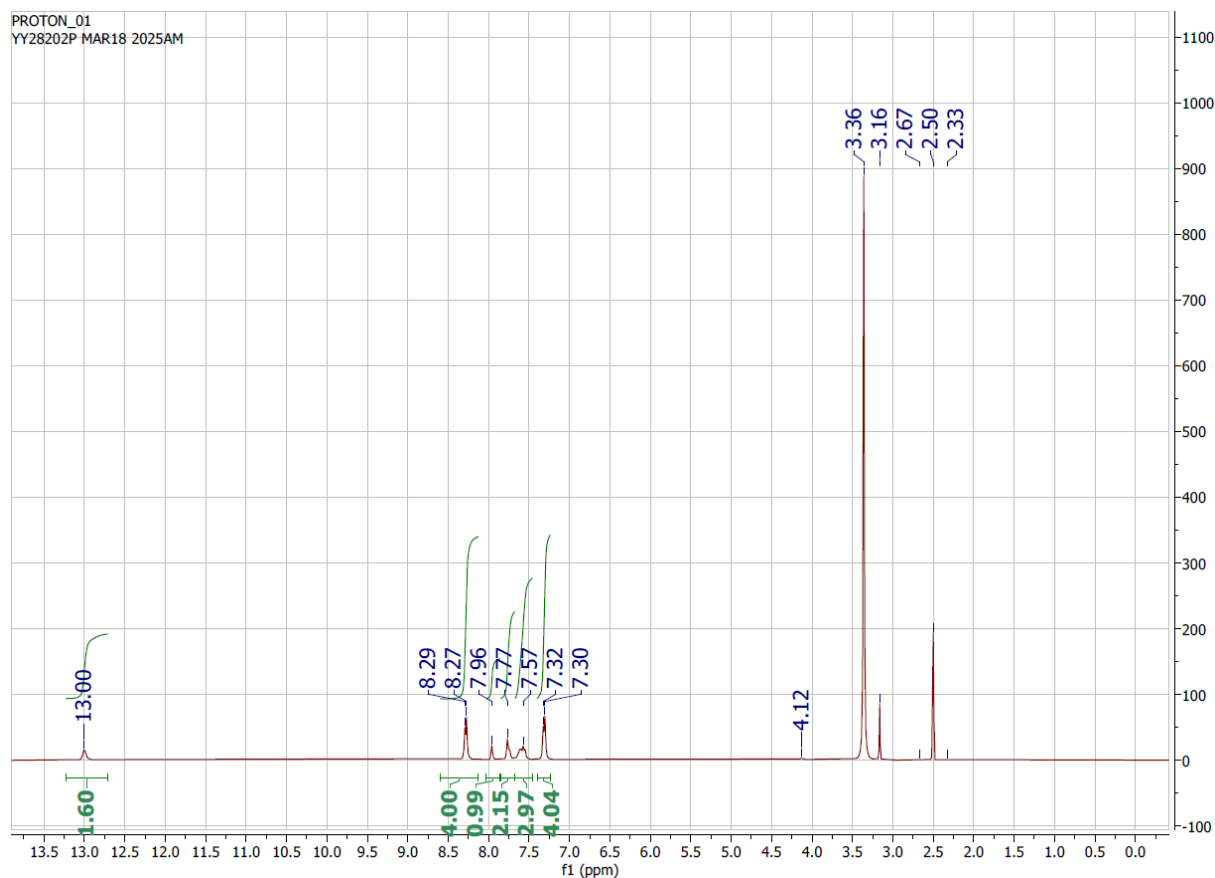
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PBI2, polybenzimidazole, solution processible

Photo of PBI2, Lot No. YY28202P, solid form and its solution in DMAc (Internal reference only)



$^1\text{H-NMR}$ (internal reference only)



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