**Table 2:** Relationship of phosphorus quantities in the structure of the DHBP-Polyphosphonate and in others phosphorated compounds and the amount of residual mass generated after their thermal decomposition.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Molecular structure** | **P (wt%)** | **T (℃)** | **Residual Mass (%)** | **References** |
|  | 8.8 | 700 | 24.2 | Polyphenyl phosphonate |
|
|
|
|  | 6.4 | 600 | 27.0 | [[5](https://www.academia.edu/27092016/Green_synthesis_of_polymers_containing_phosphorus_in_the_main_chain)] |
|
|
|
|  | 6.6 | 700 | 20.0-30.0 | [[19](https://www.sciencedirect.com/science/article/abs/pii/1381514895001212)] |
|
|
|
|  | 8.9 | 800 | 52.0 | [[22](https://www.mdpi.com/1996-1944/3/10/4746)-[23](https://www.pse.umass.edu/sites/default/files/coughlin/documents/1-s2.0-S0141391008000967-main.pdf)] |
|
|
|
|  | 8.9 | 800 | 23.0 | [[12](https://pubs.acs.org/doi/abs/10.1021/ma0614693)] |
|
|
|
|  | 5.2 | 850 | 17.2 | [[13](https://www.sciencedirect.com/science/article/pii/S0014305701002464)] |
|
|
|
|  | 13.9 | 700 | 40.9 | [24] |