**TABLE 4:** Theoretical Study of Initiator Functionality and Structure in a MMA Polymerization Process

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Initiator | Temperature | | | | | |
|  | T = 110 ºC | | T = 120 ºC | | T = 130 ºC | |
|  | Mn · 10-5 (g/mol) | Mw · 10-5 (g/mol) | Mn · 10-5 (g/mol) | Mw · 10-5 (g/mol) | Mn · 10-5 (g/mol) | Mw · 10-5 (g/mol) |
| DEKTP | 4,00 | 8,10 | 2,80 | 5,70 | 2,20 | 3,60 |
| PDP | 5,10 | 10,00 | 2,00 | 4,00 | 1,80 | 3,50 |