

FIG. 1A

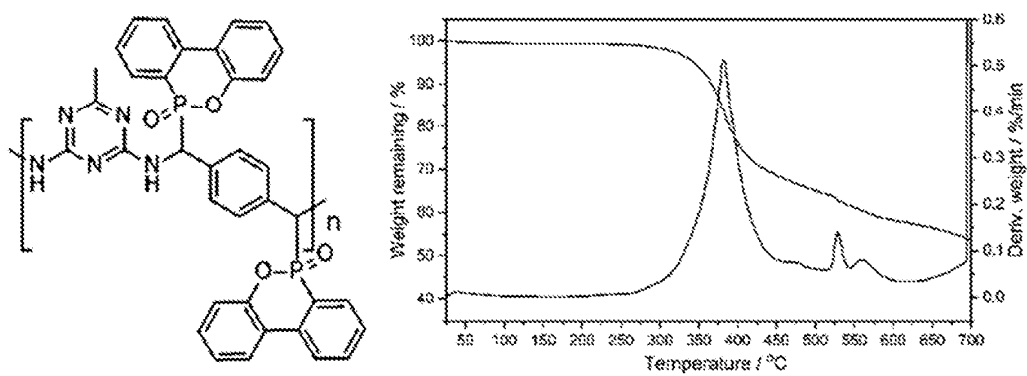


FIG. 1B

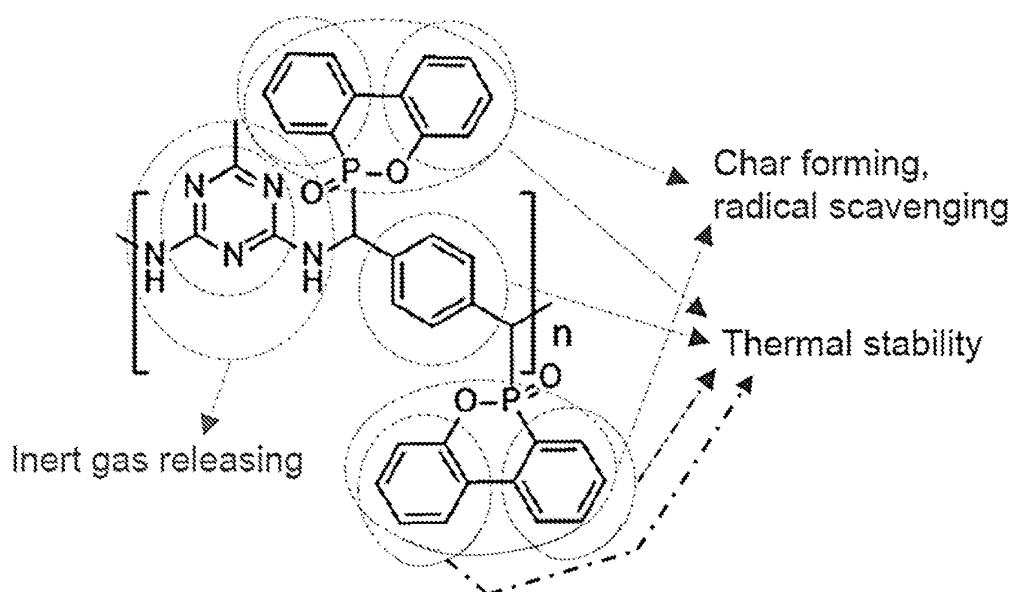


FIG. 2

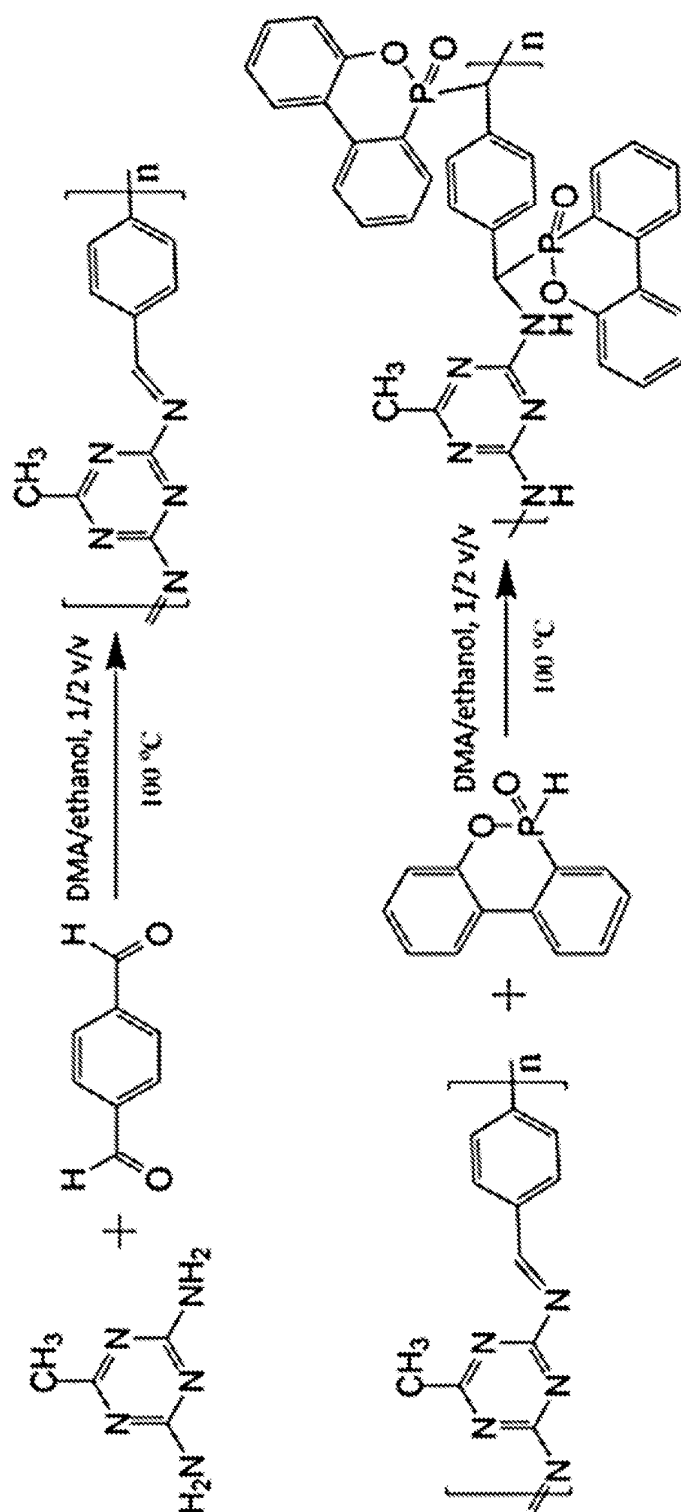


FIG. 3

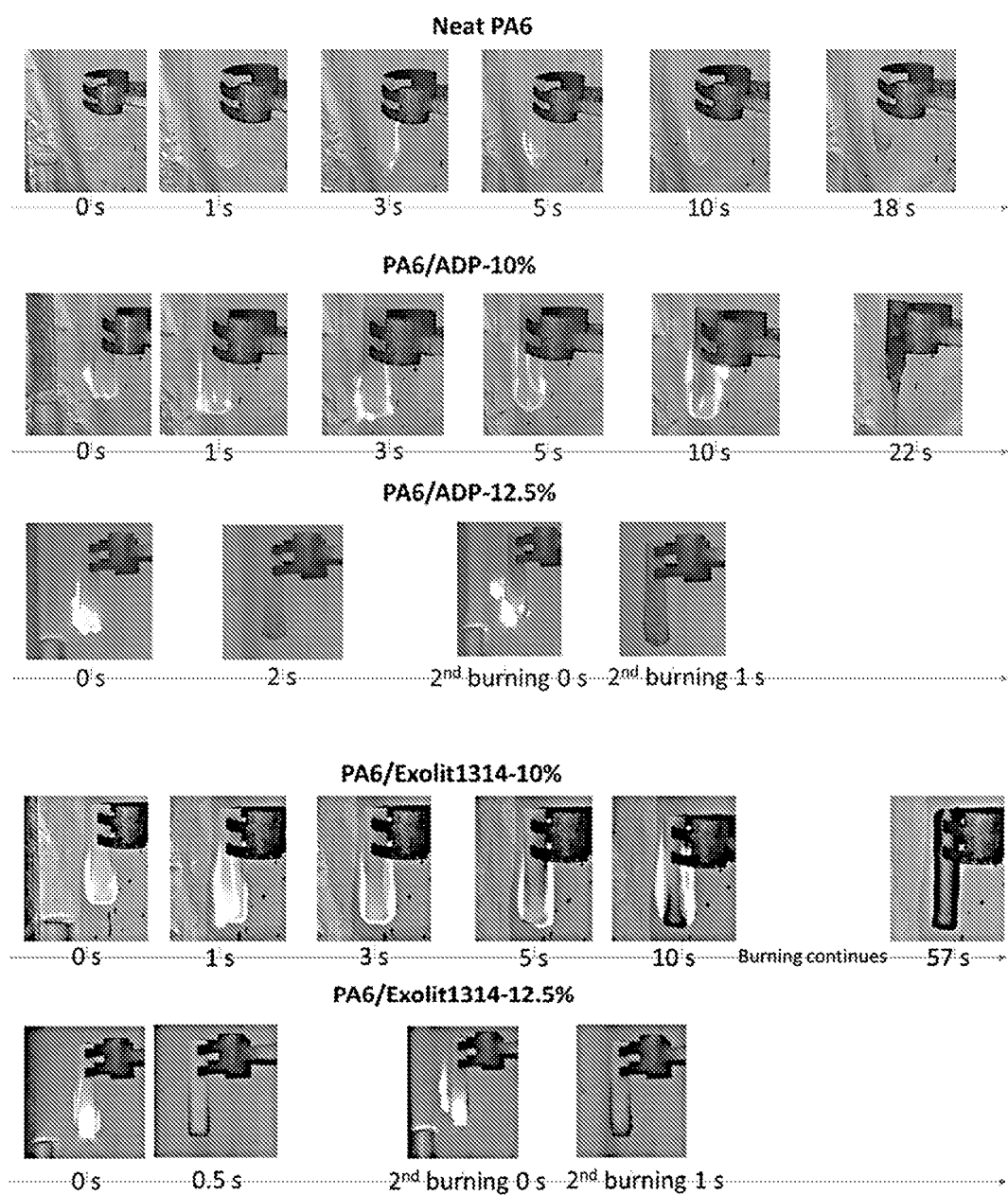


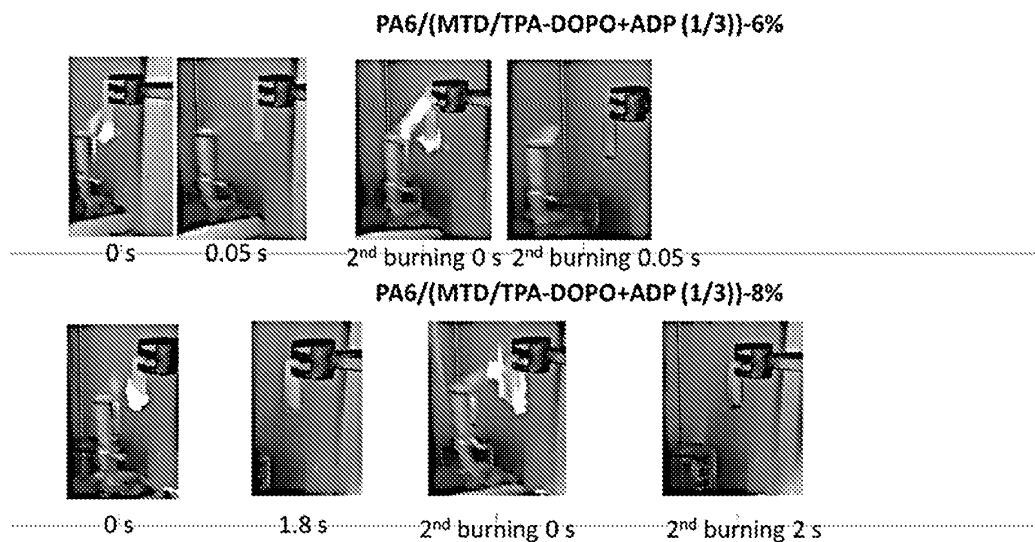
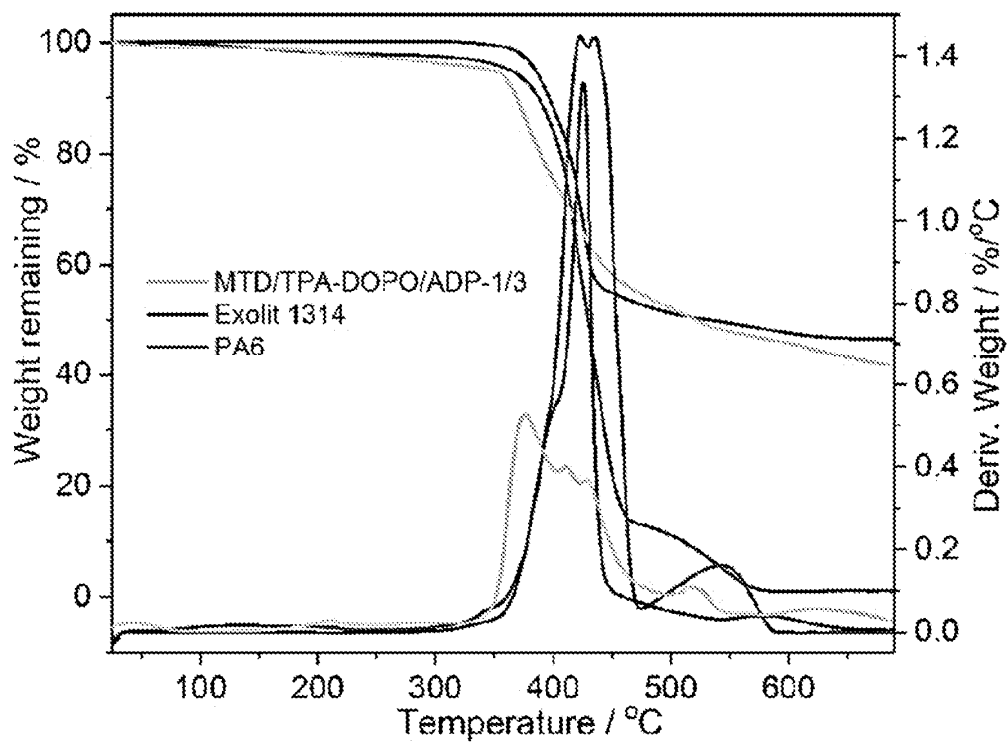
FIG. 3 (Continued)**FIG. 4**

FIG. 5

Sample	Modulus (MPa)	Max Tensile Strength (MPa)	Impact toughness (KJ/m ²)
Neat PA6	3011±72	77.3±1.2	5.82±0.83
PA6_ADP-12.5 wt%	3311±204	66.6±2.7	4.07±0.14
PA6_Exolit 1314-12.5 wt%	2992±55	67.3±1.5	3.82±0.20
PA6_MTD/TPA-DOPO/ADP-1/3-6 wt%	2961±119	75.2±1.0	3.45±0.08
PA6_MTD/TPA-DOPO/ADP-1/3-8 wt%	3036±142	86.1±1.2	3.95±0.02

FIG. 6

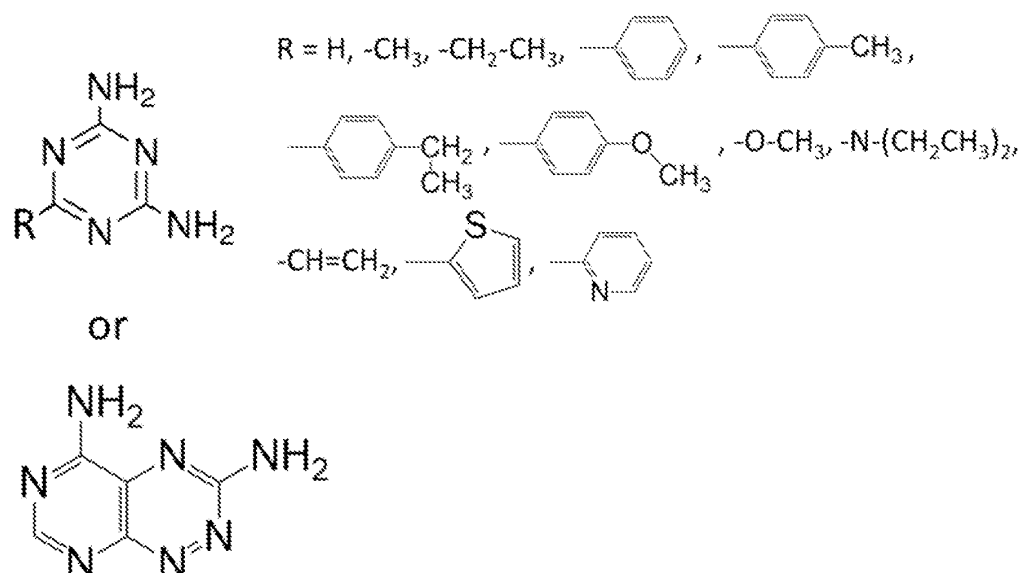


FIG. 7

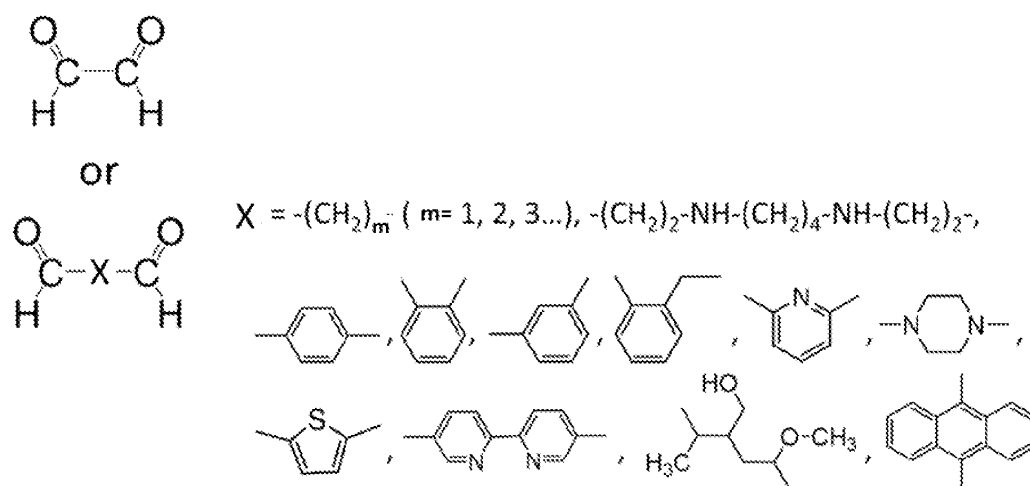


FIG. 8

