Fig. 1

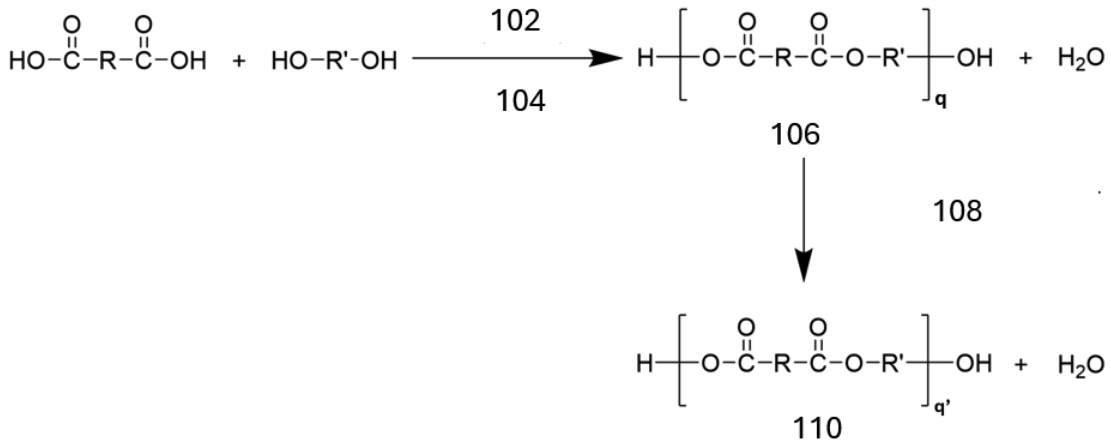
HO–C(=O)–R–C(=O)–OH + HO–R'–OH
102
104
H–[O–C(=O)–R–C(=O)–O–R']q–OH + H2O
106
108
H–[O–C(=O)–R–C(=O)–O–R']q'–OH + H2O
110

Fig. 2

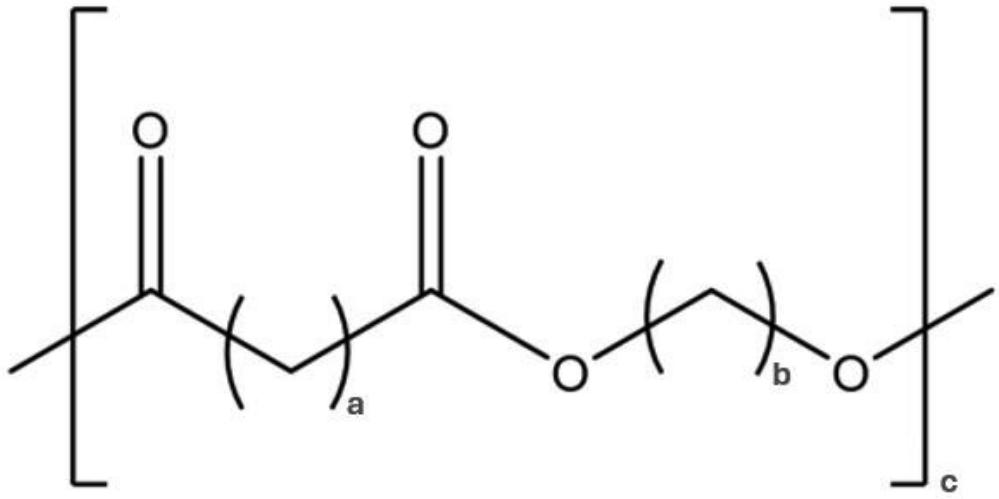

Fig. 3

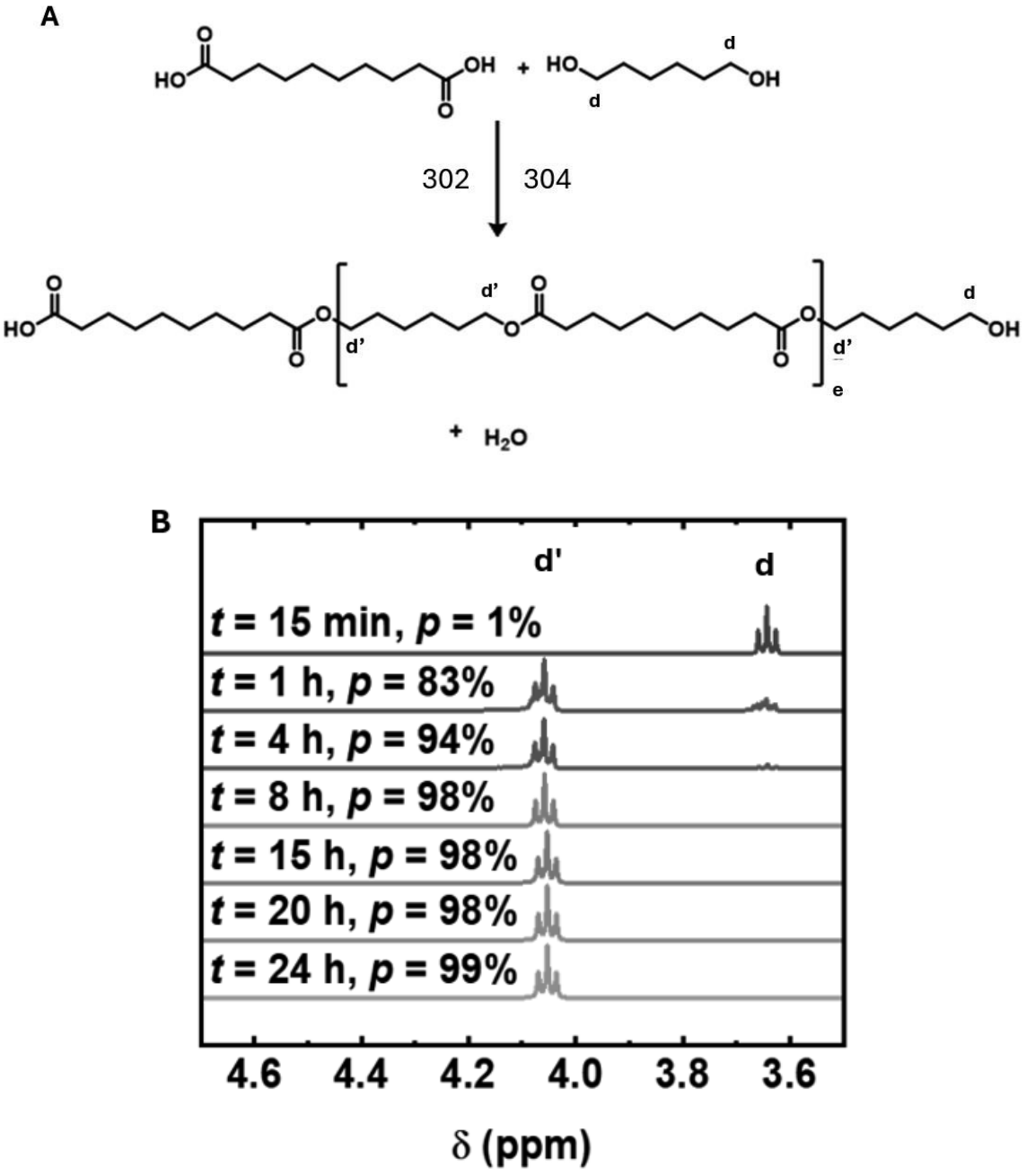
A
HO
OH
+
HO
d
OH
d
302
304
HO
d'
d'
d
OH
d'
e
+ H2O
B
d'
d
t = 15 min, p = 1%
t = 1 h, p = 83%
t = 4 h, p = 94%
t = 8 h, p = 98%
t = 15 h, p = 98%
t = 20 h, p = 98%
t = 24 h, p = 99%
4.6
4.4
4.2
4.0
3.8
3.6
δ (ppm)

Fig. 4

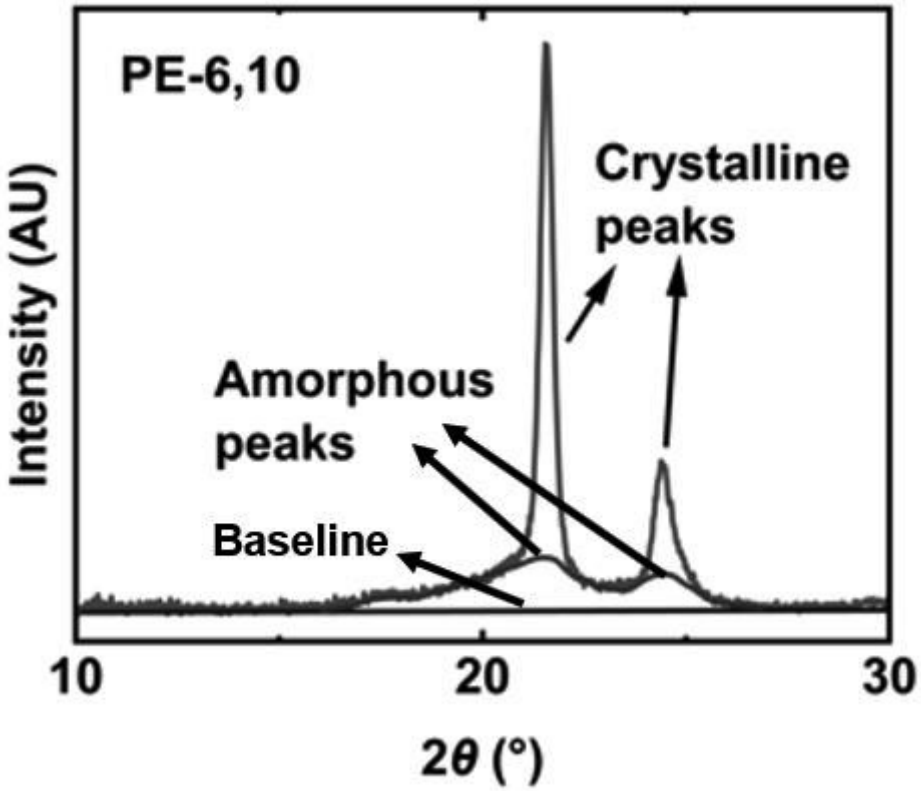
PE-6,10
Crystalline peaks
Amorphous peaks
Baseline
Intensity (AU)
10
20
30
2θ (°)

Fig. 5

