

Table 3. Results of X-ray diffraction studies of PETPH-samples

Sample name	Positions, $2\theta, ^\circ$	Relative integral intensities, $I, \%$	Width of diffraction lines, $w, ^\circ$
<i>Crystal PETPH</i>			
PETPH	010 (17.7°)	21.4	0.61
	110 (22.8°)	15.2	
	100 (25.9°)	28.7	
PETPH + 2 % FU	010 (17.4°)	17.6	0.63
	110 (22.8°)	11.0	
	100 (25.9°)	22.8	
<i>Amorphous PETPH</i>			
PETPH	-	-	-
PETPH + 2 % FU	010 (17.6°)	21.4	0.65
	110 (23.0°)	15.2	
	100 (26.2°)	28.7	