

FTIR spectrum of the polymer film. The x-axis represents wavenumber in cm^{-1} (ranging from 4000 to 450), and the y-axis represents transmittance (%T) (ranging from 62 to 97). The spectrum shows characteristic absorption bands for the polymer, with several peaks labeled with their wavenumbers and transmittance values.

Wavenumber (cm^{-1})	Transmittance (%T)
3308.51	89.46
2859.72	87.48
1646.10	69.94
1574.92	69.15
1553.91	75.26
1503.91	75.26
1470.80	82.85
1446.38	71.99
1424.79	73.48
1328.79	82.70
1284.61	71.99
1234.61	63.02
1167.27	71.99
1064.79	85.62
1038.86	84.38
991.20	85.95
906.28	85.63
816.08	87.97
776.82	69.93
753.88	62.59
625.18	83.56
534.19	71.99
502.83	77.2

Page 1