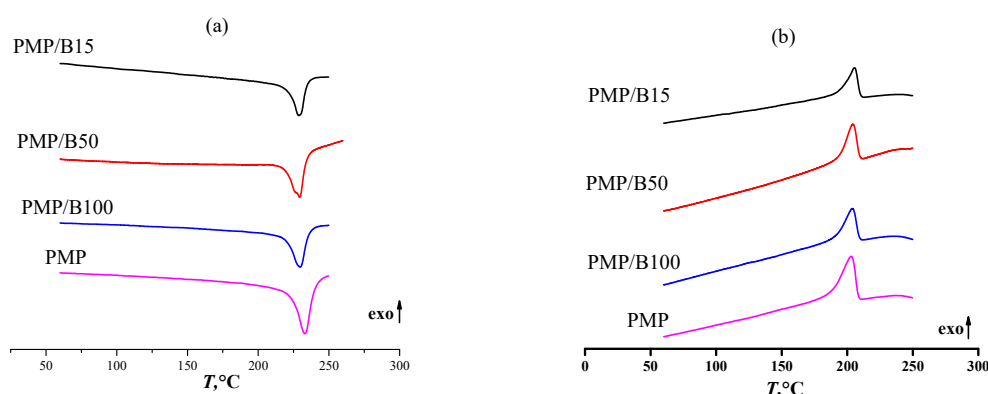
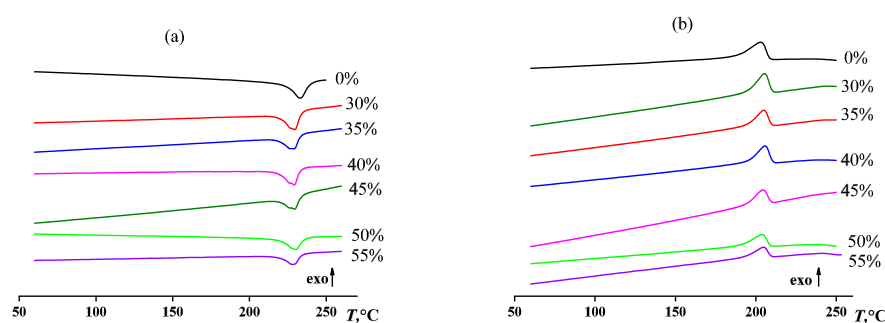


# Supplementary Materials: Formation of Microfiltration Membranes from PMP/PIB Blends: Effect of PIB Molecular Weight on Membrane Properties

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**Figure S1.** DCS curves of PIB/PMP blends: heating (a) and cooling (b) scans at 10°C/min.



**Figure S2.** DCS curves of B50/PMP blends with various B50 content: heating (a) and cooling (b) scans at 10°C/min.

**Table S1.** Temperatures  $T$  and enthalpies  $\Delta H$  of melting and crystallization of B50/PMP blends with various content of B50.

| B50, % | Melting    |                    |                            | Crystallization |                    |                            |
|--------|------------|--------------------|----------------------------|-----------------|--------------------|----------------------------|
|        | $T_m$ , °C | $\Delta H_m$ , J/g | $\Delta H_m/C_{PMP}$ , J/g | $T_c$ , °C      | $\Delta H_c$ , J/g | $\Delta H_c/C_{PMP}$ , J/g |
| 0      | 233.0      | 24.6               | 24.6                       | 202.9           | 26.1               | 26.1                       |
| 30     | 229.5      | 22.4               | 31.9                       | 205.3           | 18.8               | 26.8                       |
| 35     | 229.2      | 16.5               | 25.4                       | 204.9           | 18.3               | 28.2                       |
| 40     | 229.1      | 16.3               | 27.1                       | 205.6           | 19.2               | 31.9                       |
| 45     | 229.5      | 12.2               | 22.2                       | 204.1           | 13.9               | 25.4                       |
| 50     | 230.2      | 11.5               | 23.0                       | 203.9           | 15.8               | 31.6                       |
| 55     | 227.9      | 12.2               | 21.2                       | 204.6           | 13.8               | 30.7                       |