

SUPPLEMENTARY MATERIALS

Novel protein-rich materials from rapeseed meal with enhanced mechanical behavior

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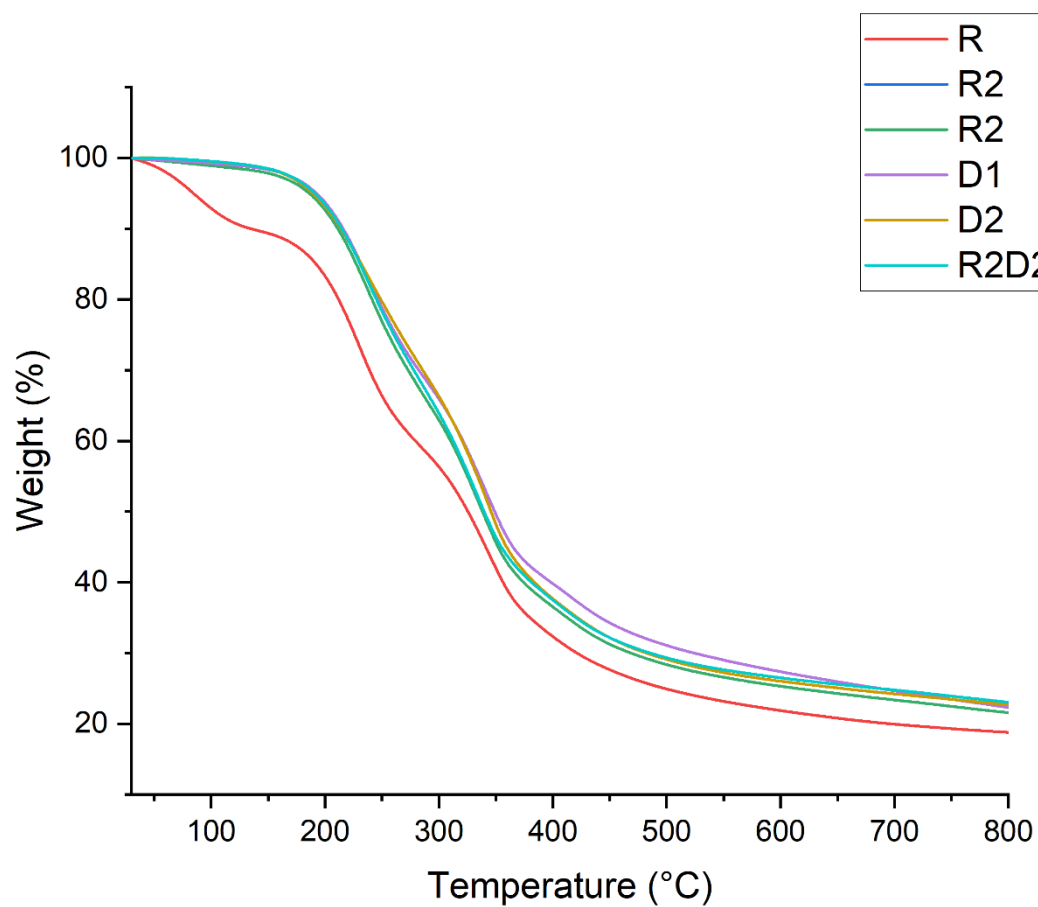
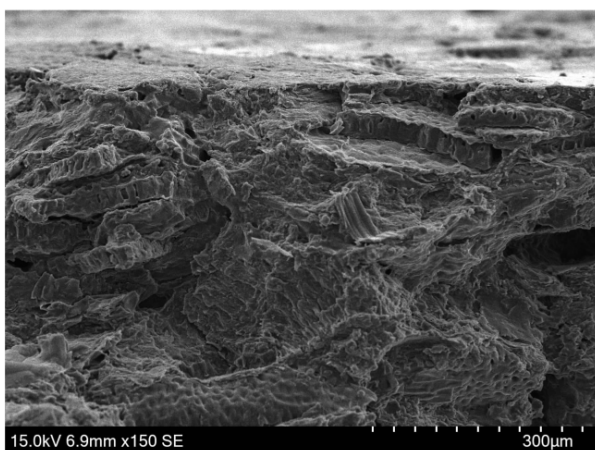
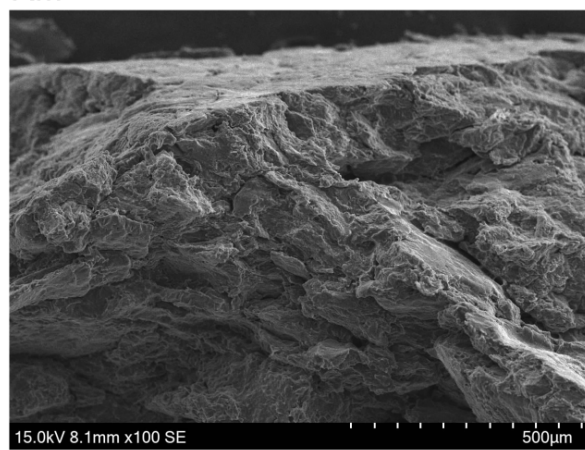


Figure S1. TG curves of specimens RM, RM-R2, RM-D1, RM-D2 and RM-R2D2 14%

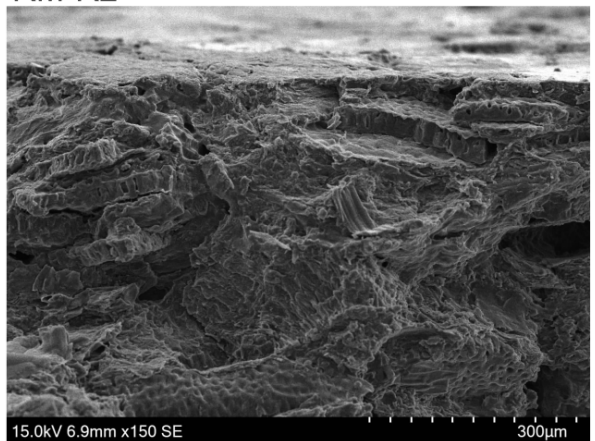
RM-R0



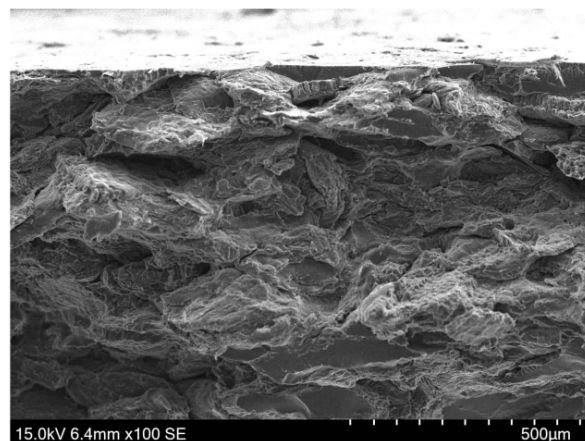
RM



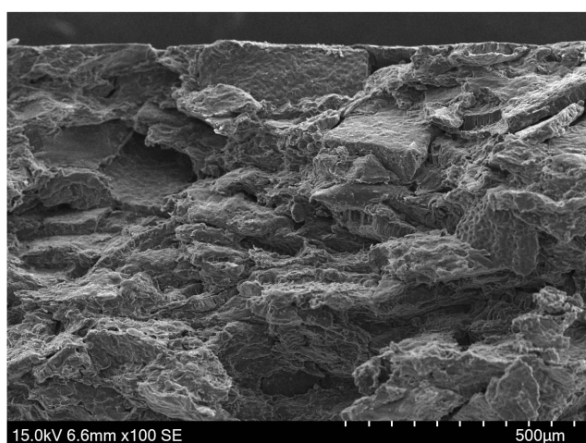
RM-R2



RM-D1



RM-D2



RM-R2D2-14%

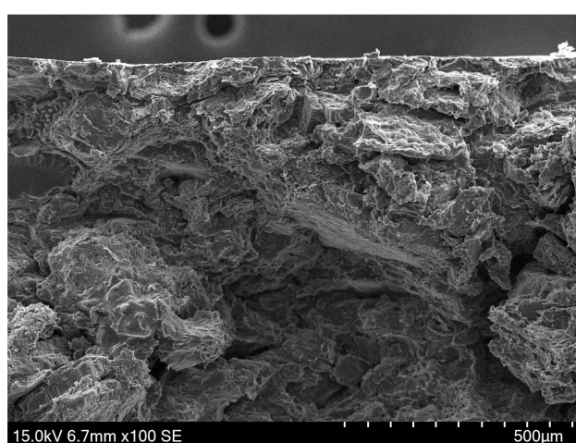
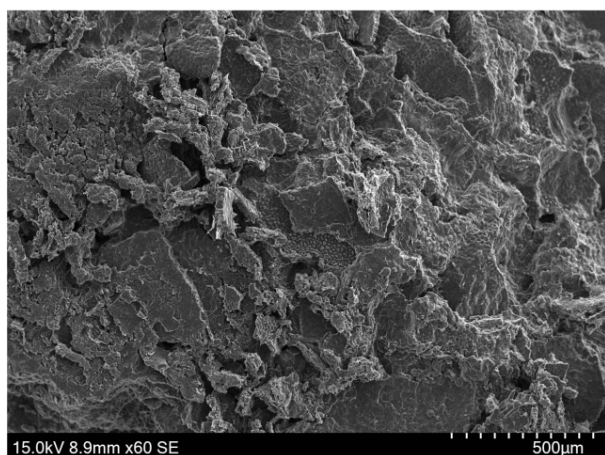
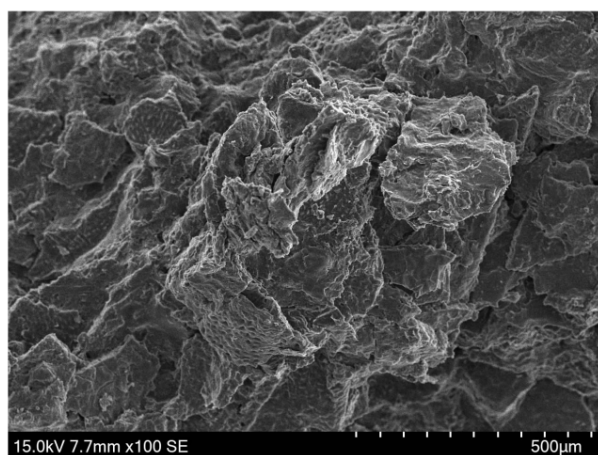


Figure S2. SEM of the rapeseed meal-based materials (cross section, room temperature)
RM-R0, RM, RM-R2, RM-D1, RM-D2, RM-R2D2 14% at 300μm or 500μm

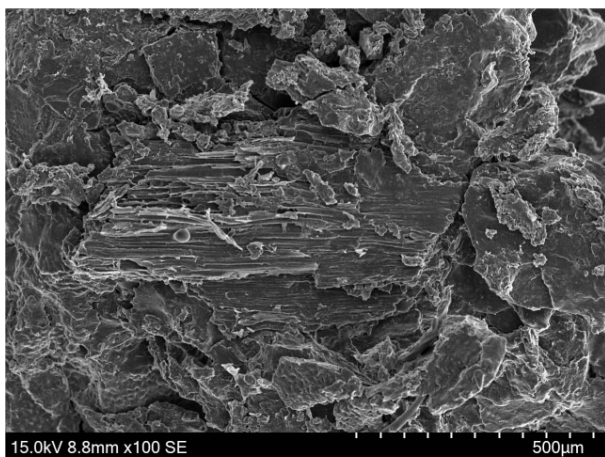
RM-R0



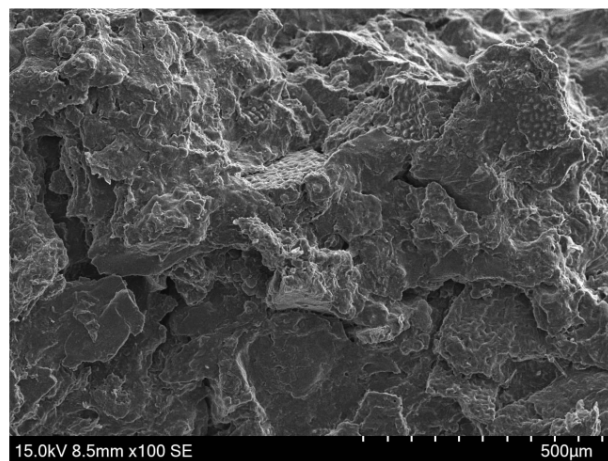
RM



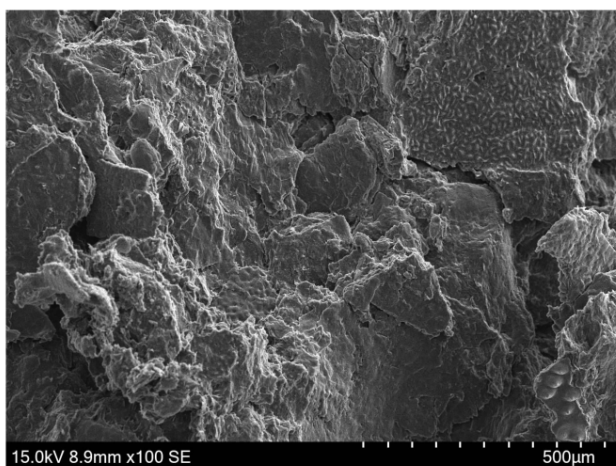
RM-R2



RM-D1



RM-D2



RM-R2D2-14%

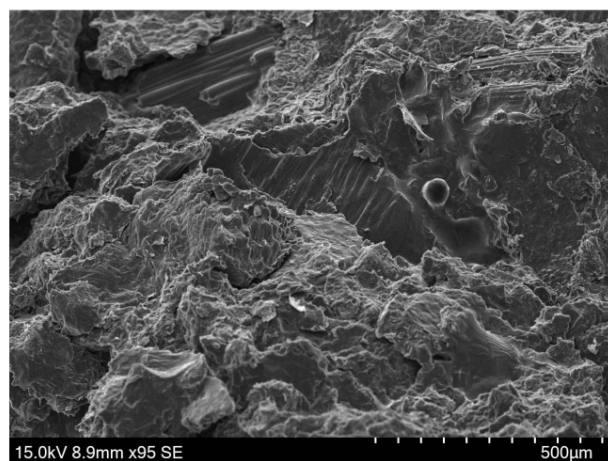
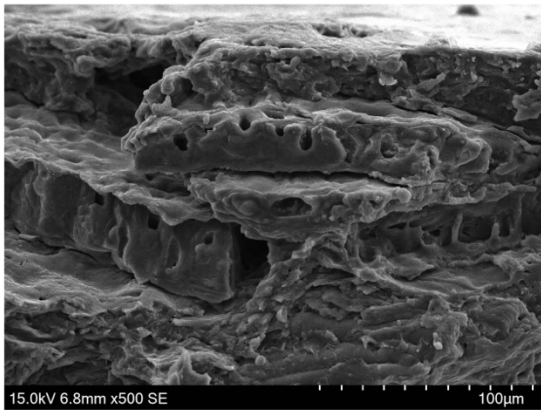
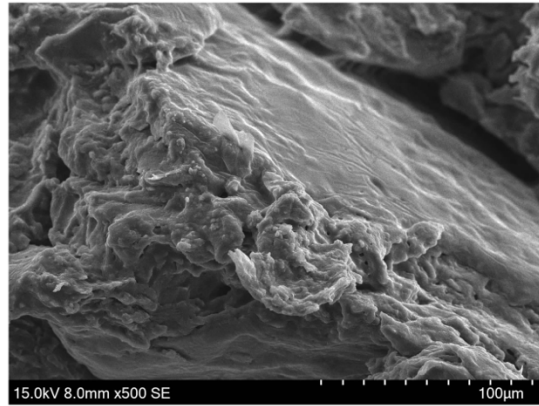


Figure S3. SEM of the rapeseed meal-based materials (longitudinal section, room temperature) RM-R0, RM, RM-R2, RM-D1, RM-D2, RM-R2D2 14% at 500µm

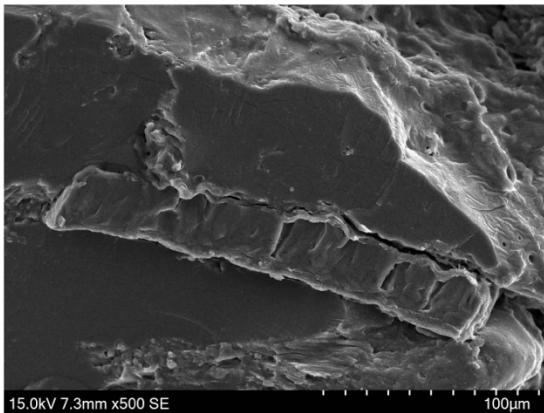
RM-R0



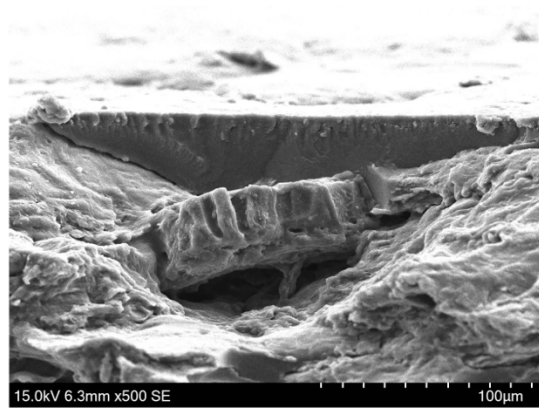
RM



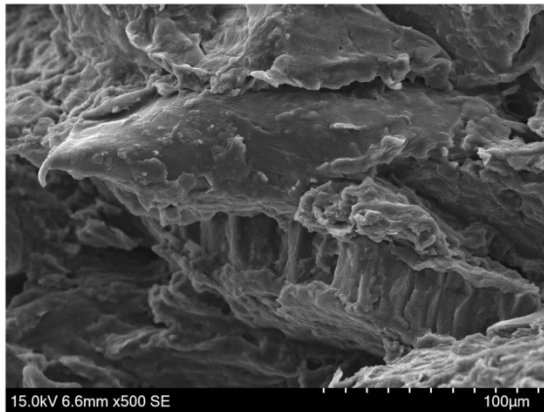
RM-R2



RM-D1



RM-D2



RM-R2D2 14%

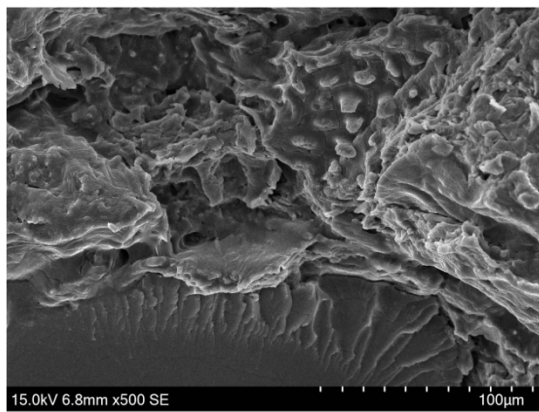


Figure S4. SEM of the rapeseed meal-based materials (cross section, room temperature)
RM-R0, RM, RM-R2, RM-D1, RM-D2, RM-R2D2 14% at 100 μm

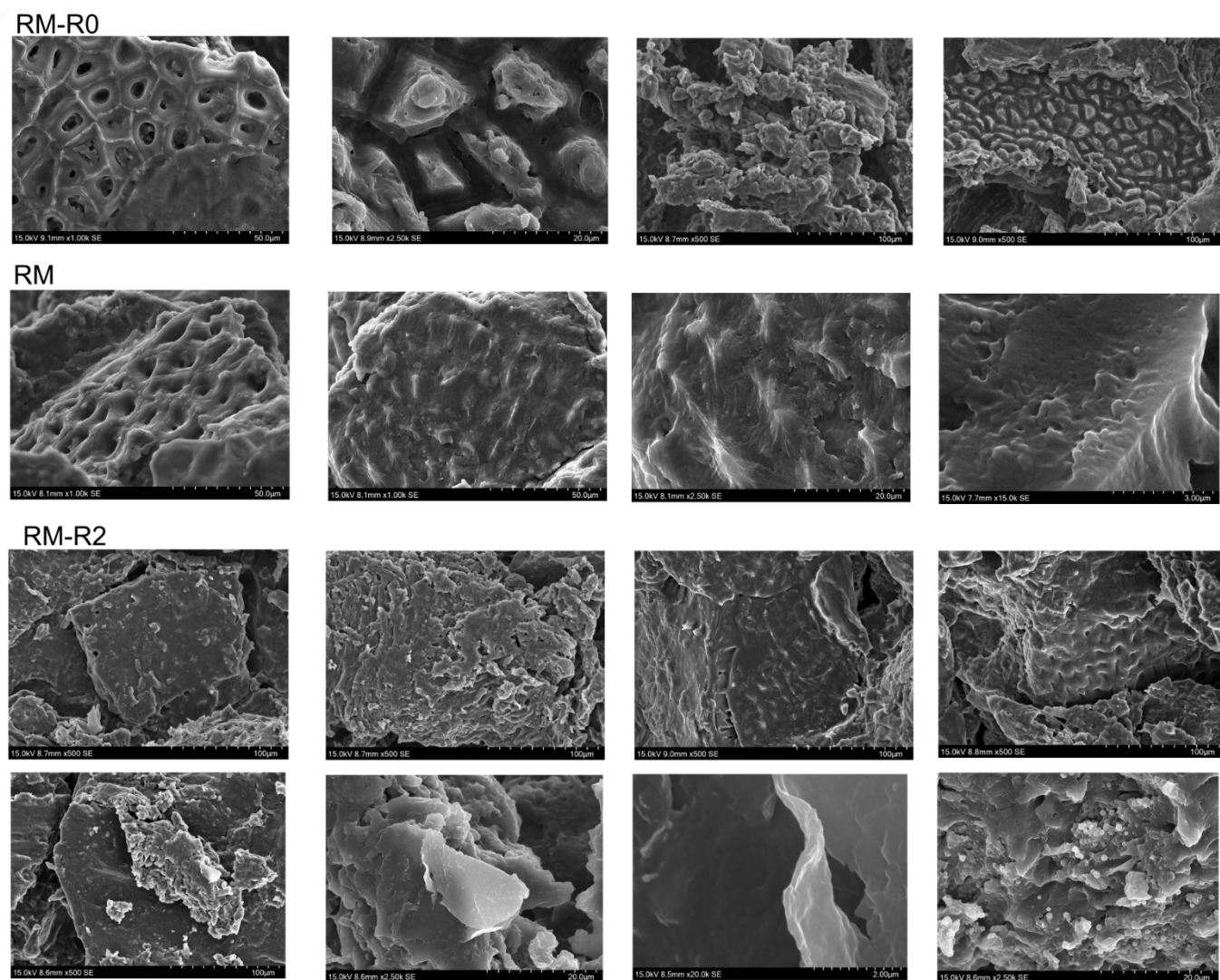


Figure S5. SEM of the rapeseed meal-based materials (longitudinal section, room temperature) RM-R0, RM and RM-R2 at 100µm to 2µm

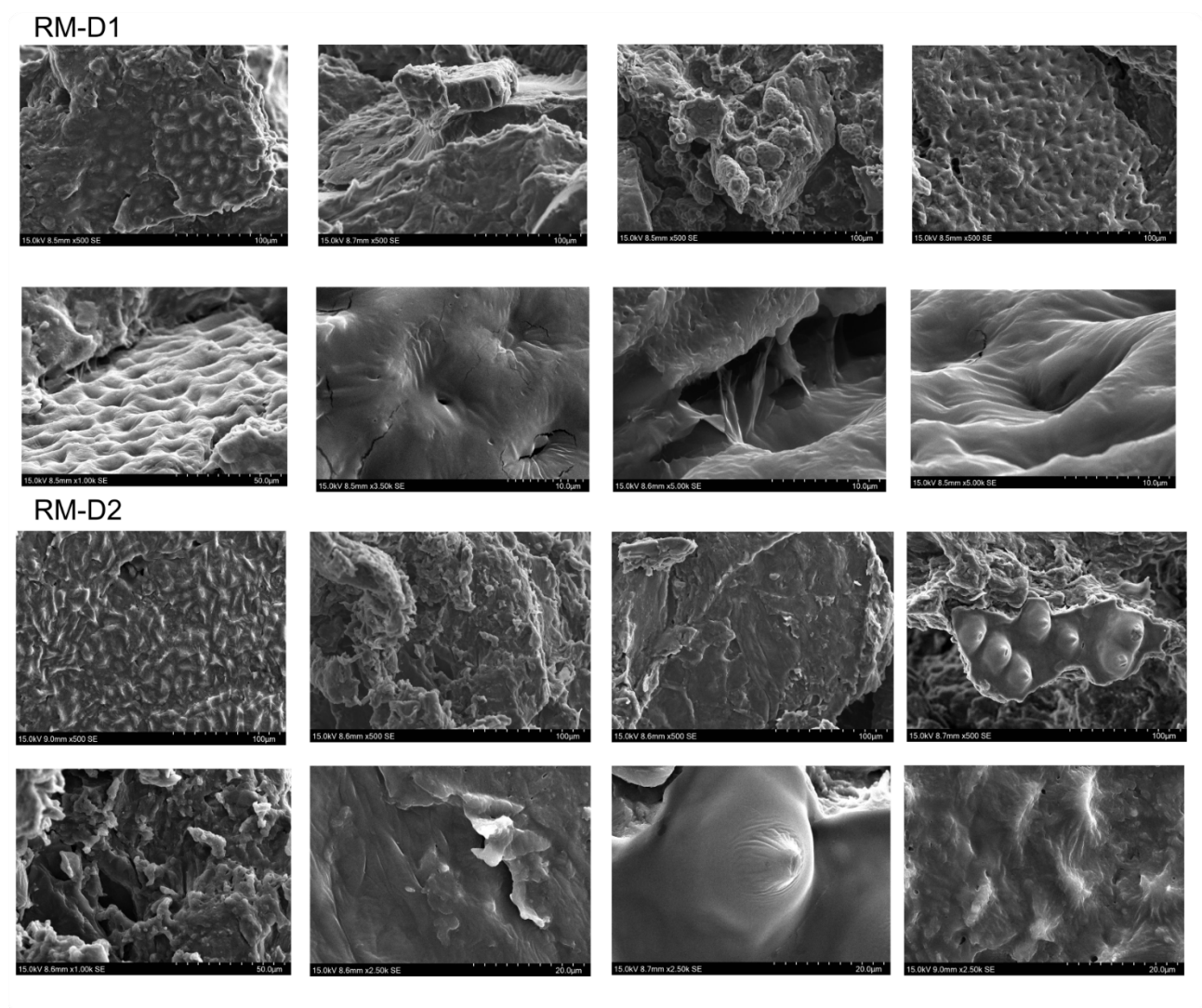


Figure S6. SEM of the rapeseed meal-based materials (longitudinal section, room temperature) D1 and D2 at 100µm to 10µm

RM-R2D2 14%

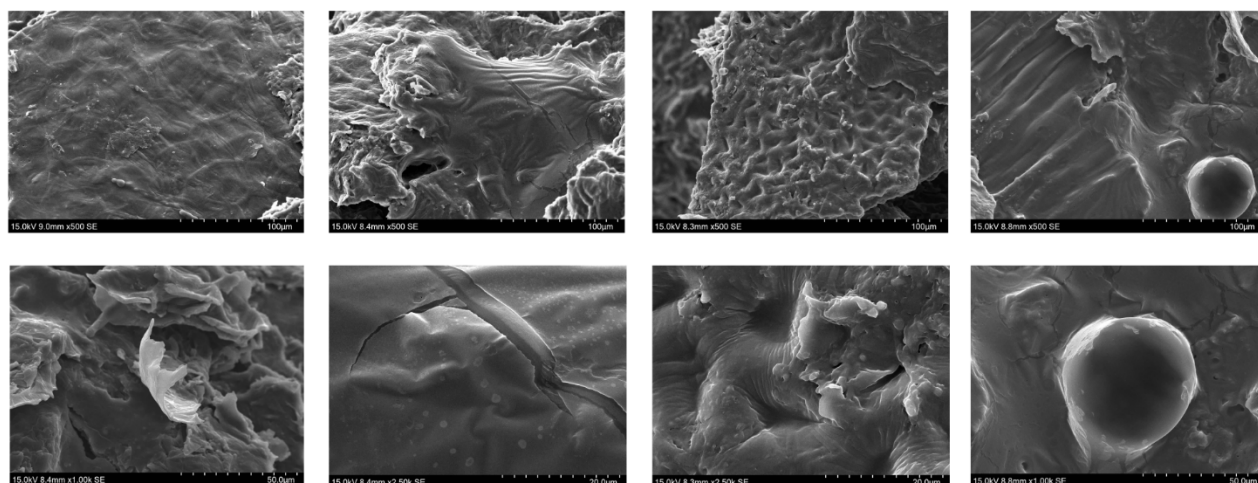


Figure S7. SEM of the rapeseed meal-based materials (longitudinal section, room temperature) RM-R2D2 14% at 100um to 20um