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DAFTAR PUSTAKA

Abela, K., Refalo, P., & Francalanza, E. (2022). Analysis of pneumatic parameters to identify leakages and faults on the demand side of a compressed air system. Cleaner Engineering and Technology, 6. https://doi.org/10.1016/j.clet.2021.100355

Acrani, L. T., & Carvalho, A. J. F. (2025). EVA hot-melt adhesive with thermoplastic starch blends compatibilized by modified maleic anhydride. Polimeros, 35(4). https://doi.org/10.1590/0104-1428.20240105

Chen, Q., Du, B., Zhang, X., Zhong, H., Ning, C., Bai, H., Li, Q., Pan, R., Zhou, B., & Hu, H. (2022). Parametric Investigation into the Shear Strength of Adhesively Bonded Single-Lap Joints. *Materials*, *15*(22). https://doi.org/10.3390/ma15228013

Czakaj, J., Sztorch, B., Romanczuk-Ruszuk, E., Brząkalski, D., & Przekop, R. E. (2023). Organosilicon Compounds in Hot-Melt Adhesive Technologies. In *Polymers* (Vol. 15, Number 18). Multidisciplinary Digital Publishing Institute (MDPI). https://doi.org/10.3390/polym15183708

Favi, C., Moroni, F., Lutey, A. H. A., & Rodríguez, N. B. (2024). Disassembly analysis of hot-melt adhesive in mechanical joints. *Procedia CIRP*, *122*, 611–616. https://doi.org/10.1016/j.procir.2024.01.087

Formoso, I., Rivas, A., Beltrame, G., Larraona, G. S., Ramos, J. C., Antón, R., & Salterain, A. (2022). Experimental study on the hot-melt adhesive pattern produced by melt blowing nozzle designs. *Journal of Industrial Textiles*, *51*(3), 3923S-3948S. https://doi.org/10.1177/1528083720978401

Gallo, J., Cortés, F., Alberdi, E., & Goti, A. (2021). Mechanical behavior modeling of containers and octabins made of corrugated cardboard subjected to vertical stacking loads. *Materials*, *14*(9). https://doi.org/10.3390/ma14092392

Garbowski, T., Gajewski, T., & Grabski, J. K. (2021). Estimation of the compressive strength of corrugated cardboard boxes with various openings. *Energies*, *14*(1). https://doi.org/10.3390/en14010155

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Kim, S., Horvath, L., Russell, J. D., & Park, J. (2021). Investigation of the effect of pallet top-deck stiffness on corrugated box compression strength as a function of multiple unit load design variables. *Materials*, *14*(21). https://doi.org/10.3390/ma14216613

Lin, H., Zhang, Y., Gao, R., Wang, L., Xia, J., & Xue, H. (2024). The curing kinetics and properties of self-healing and thermally conductive polymeric composites based on ethylene vinyl acetate copolymer filled with nano alumina. *Journal of Plastic Film and Sheeting*, *40*(3), 283–306. https://doi.org/10.1177/87560879241251901

Misiak, M., Latko-Durałek, P., Fernandez, M. M., Olmedo-Martínez, J. L., Kołbuk, D., Górecka, Ż., Malmir, A., Kozera, P., Müller, A. J., Hatzikiriakos, S. G., & Boczkowska, A. (2025). The relationship between thermal, rheological, and tack properties of copolyester-based hot melt adhesives. *International Journal of Polymer Analysis and Characterization*, *30*(6), 691–710. https://doi.org/10.1080/1023666X.2025.2501584

Mykhailyshyn, R., Savkiv, V., Maruschak, P., & Xiao, J. (2022). A SYSTEMATIC REVIEW ON PNEUMATIC GRIPPING DEVICES FOR INDUSTRIAL ROBOTS. In *Transport* (Vol. 37, Number 3, pp. 201–231). Vilnius Gediminas Technical University. https://doi.org/10.3846/transport.2022.17110

Novák, I., Preto, J., Vanko, V., Rychlý, J., Pavlinec, J., & Chodák, I. (2022). Modification of Hot-Melt Adhesives Based on Metallocene Poly(ethylene-propylene) Copolymer for High Adhesion to Polar Surfaces. *Polymers*, *14*(6). https://doi.org/10.3390/polym14061253

Robertson, D., van Reenen, A., Duveskog, H., & Brady, F. (2021a). A comparative study of the application-based properties of hot melt adhesives (HMAs) formulated with different waxes. *International Journal of Adhesion and Adhesives*, *111*. https://doi.org/10.1016/j.ijadhadh.2021.102974

Steinbrecher, G., Buchman, A., Sidess, A., & Sherman, D. (2006). Characterization of the mode I fracture energy of adhesive joints. *International Journal of Adhesion and Adhesives*, *26*(8), 644–650. https://doi.org/10.1016/j.ijadhadh.2005.09.006

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Wappler, P., Horter, T., Kulkarni, R., Guenther, T., Fritz, K. P., & Zimmermann, A. (2022). Development of a nozzle capillary viscometer for inline viscosity measurement of thermoplastics. *International Journal of Advanced Manufacturing Technology*, *122*(1), 105–116. https://doi.org/10.1007/s00170-021-08394-4

Wu, Z., Shangguan, Y., Zhang, C., & Zheng, Q. (2021). Effects of crosslinking and silicone coupling agent on properties of eva composite hot melt adhesive. *Polymers*, *13*(23). https://doi.org/10.3390/polym13234101

Xue, H., Lin, H., Wang, X., Gao, R., Zhang, Y., Wang, L., & Xia, J. (2024). Self-healing and degradable functionalization of EVA hot-melt adhesives based on disulfide bonds and polymer free radical copolymerization. *Polymer*, *313*. https://doi.org/10.1016/j.polymer.2024.127721

Yan, J., Yang, B. W., & Zhao, C. Y. (2022). Investigation of hydration/dehydration processes in a fluidized bed reactor using MgO/Mg(OH)2 thermochemical energy storage system. *Solar Energy*, *231*, 630–645. https://doi.org/10.1016/j.solener.2021.12.013

Zhang, Y., He, Y., Yu, J., Lu, Y., Zhang, X., & Fang, L. (2023). Fabrication and Characterization of EVA Resins as Adhesives in Plywood. *Polymers*, *15*(8). https://doi.org/10.3390/polym15081834