

DAFTAR PUSTAKA

- Al-Qudsi, A., Cannone Falchetto, A., Wang, D., Büchler, S., Kim, Y. S., & Wistuba, M. P. (2020). Finite element cohesive fracture modeling of asphalt mixture based on the semi-circular bending (SCB) test and self-affine fractal cracks at low temperatures. *Cold Regions Science and Technology*, 169, 102916. <https://doi.org/10.1016/j.coldregions.2019.102916>
- Aragão, F. T., Hartmann, D. A., Kim, Y., Da Motta, L. M., & Haft-Javaherian, M. (2014). Numerical-experimental approach to characterize fracture properties of asphalt mixtures at low temperatures. *Transportation Research Record: Journal of the Transportation Research Board*, 2447(1), 42-50. <https://doi.org/10.3141/2447-05>
- ASTM. (n.d.). Standard test method for evaluation of asphalt mixture cracking resistance using the semi-circular bend test (SCB) at intermediate temperatures. <https://doi.org/10.1520/d8044>
- Ayatollahi, M. R., Aliha, M. R. M., & Saghafi, H. (2011). An improved semi-circular bend specimen for investigating mixed mode brittle fracture. *Engineering Fracture Mechanics*, 78(1), 110–123. <https://doi.org/10.1016/j.engfracmech.2010.10.001>

- Badan Pusat Statistik. (2021, November 29). Badan Pusat Statistik. <https://www.bps.go.id/publication/2021/11/29/4f0914ee631f397e1e6ad858/statistik-transportasi-darat-2020.html>
- Hannachi, S., & Guetteche, M. N. (2014, August). Review of the ultrasonic pulse velocity evaluating concrete compressive strength on site. In *Proceedings of Scientific Cooperation International Workshops on Engineering Branches, Istanbul, Turkey* (pp. 8-9).
- Huang, B., Shu, X., & Zuo, G. (2013). Using notched semi circular bending fatigue test to characterize fracture resistance of asphalt mixtures. *Engineering Fracture Mechanics*, 109, 78–88. <https://doi.org/10.1016/j.engfracmech.2013.07.003>
- Leon, L., Charles, R., & Simpson, N. (2016). Stress-strain behaviour of asphalt concrete in compression. *Procedia Structural Integrity*, 2, 2913–2920. <https://doi.org/10.1016/j.prostr.2016.06.364>
- Logan, D. L. (2016). *A first course in the finite element method*. Cengage Learning.
- Marga, B. (2010). Spesifikasi Umum (2018). *Direktorat Jendral Bina Marga. Departemen Pekerjaan Umum*.
- Mehri Sofiani, F., V. Farahani, B., & Belinha, J. (2019). Fracture analysis of semi-circular bend (SCB) specimen: A numerical study. *Structural Integrity*, 407-413. https://doi.org/10.1007/978-3-030-13980-3_52

Molenaar, A. & Skarpas, Athanasios & Liu, Xue & Erkens, Sandra. (2002). Semi-circular bending test; simple but useful?. Asphalt Paving Technology: Association of Asphalt Paving Technologists-Proceedings of the Technical Sessions. 71. 794-815.

Mubaraki, M., & Sallam, H. E. M. (2020). Reliability study on fracture and fatigue behavior of pavement materials using SCB specimen. *International Journal of Pavement Engineering*, 21(13), 1563-1575.

Nasional, B. S. (2008). Cara Uji Berat Jenis dan Penyerapan Air Agregat Kasar. SNI 1969: 2008. *Badan Standar Nasional Indonesia*.

Nasional, B. S. (2008). SNI 1970: 2008 (Cara Uji Berat Jenis Dan Penyerapan Air Agregat Halus). *BSN, Jakarta*.

Nasional, B. S. (2011). SNI 06-2434-2011 Cara Uji Titik Lembek Aspal dengan Alat Cincin dan Bola.

Nasional, B. S. (2011). SNI 06–2456–2011, Metode Pengujian Penetrasi setelah Penurunan.

Nasional, B. S. (2011). SNI 2433-2011 Cara Uji Titik Nyala Dan Titik Bakal Aspal Dengan Alat Cleverland And Cup. *Jakarta: Badan Standardisasi Nasional (BSN)*. *Badan Standardisasi Nasional (BSN)*.

Nasional, B. S. (2011). SNI 2441: 2011: Pemeriksaan Berat Jenis Aspal.

Nsengiyumva, G., Kim, Y.-R., & You, T. (2015). *Development of a semicircular bend (Scb) test method for performance testing of Nebraska asphalt mixtures*. Nebraska Transportation Center.

- Savaliya, K. D., Thaker, K. K., & Dave, U. V. (2014). Comparison between different methods of ultrasonic pulse velocity tests on concrete. *International Journal of Engineering Research and Applications (IJERA), (March)*, 41-44.
- Setiawan, A., Suparma, L. B., & Mulyono, A. T. (2017). Developing the elastic modulus measurement of asphalt concrete using the compressive strength test. AIP Conference Proceedings. <https://doi.org/10.1063/1.5011541>
- Sukirman, S. 2003. (2003). Beton Aspal Campuran Panas. In *Journal of Chemical Information and Modeling* (Vol. 53, Issue 9).
- Wang, H., & Yang, L. (2011). The fracture characteristics analysis of the asphalt mixtures by virtual loading test. *Procedia Environmental Sciences*, 10, 601-606. <https://doi.org/10.1016/j.proenv.2011.09.097>