

DAFTAR REFERENSI

1. George S, Brady "*Materials Handbook 15th edition*", McGraw-Hill Handbook, hal. 258, 66-67
2. Calister, William D. Jr., "*Material Science and Engineering, An Introduction*" (USA: John Wiley & Sons Inc, 2002), hal. 579, 903
3. Max L. Porter, Professor & James K, *Journal Elliptical Fiber Reinforced Polymer Dowel Performance*, Iowa State University, hal. 2
4. Thomas Keller, *Journal Fiber-Reinforced Polymer Bridge Decks*, Swiss Federal Institute of Technology, CH-1015 Lausanne, hal. 5
5. C. E. Bakis & L. C. Bank, F.ASCE, *Journal Fiber-Reinforced Polymer Composites for Construction*, hal. 9
6. David Schnerch, Kirk Stanford & Bryan, *Journal Use of High Modulus Carbon Fiber Reinforced Polymers (CFRP) for Strengthening Steel Structures*, North Caroline State University, hal. 7
7. Mobley, R. Keith, "*Maintenance Engineering Handbook 7e*" (New York, McGraw-Hill, 2008), hal. 1.7
8. AEA Technology Consulting, "*Temporary/permanent pipe repair – Guidelines, OFFSHORE TECHNOLOGY REPORT*" Oxfordshire OX14 3ED United Kingdom, 2001), hal. 26
9. Krishnan Balasubramaniam, *Journal Inversion of composite material elastic constants from ultrasonic bulk wave phase velocity data using genetic algorithms*, Department of Aerospace Engineering and Mechanics, Mail Stop 9549, Mississippi State University, MS 39762, USA, hal. 171
10. PII Pipeline Solutions Global Offices, *Bulletin Case Histories Application stories from the field*, GE Power Systems Oil & Gas, Issue-I, hal.14
11. D.Hull dan T.W. Clyne, *An Introduction to Composite Materials*, Cambdrige Solid State Science Series, Second Edition, 2000, hal.1, 134, 166, 55, 64, 158, 169
12. Calister, William D.Jr., "*Material Science and Engineering, An Introduction*" (USA: John Wiley & Sons Inc, 2002), hal.579, 587, 588
13. Michael F. Ashby dan David R. H. Jones, *Engineering Materials 2 An Introduction to Microstructures, Processing and Design, Second Edition*, Department of Engineering, Cambridge University, England, OXFORD, Second edition 1998, hal. 224

14. ASM International, *Composites Volume 21*, ASM International Handbook Committee, 2001, hal. 50, 71, 78
15. ASTM International “*Standard Specification for Glass Fiber Strands*”, D578-98, Annual Book of ASTM Standards, 1998, hal. 2
16. Charley Yan, *Jurnal Improving Kevlar Compressibility though alternations in molecular structures*, Cluster-8, hal. 4, 6
17. J. Schultz dan M. Nardin, *Theories and Mechanisms of Adhesion, Handbook of Adhesive Technology*, Second Edition, Centre de Recherches sur la Physico-Chimie des Surfaces Solides, CNRS, Mulhouse, France, hal. 1-2
18. T. Young, *Phil. Trans., Roy. Soc.*, hal. 95
19. A. Dupre’, *in The’orie Me’canique de la Chaleur*, Gauthier-Villars, Paris, 1869, hal.369.
20. Romijarso, Toni Bambang, “*Pembuatan Komposit Matriks Logam Al5Cu/Al2O3(p) dan Al5Cu/SiC(p) melalui proses pengadukan dan tempa cetakan terbuka*”, Tesis Universitas Indonesia, (2008), hal. 22
21. A. Sayah dan D. Solignac, *Journal Development of novel low temperature bonding technologies for microchip chemical analysis applications*, Institute of Microsystems, Swiss Federal Institute of Technology Lausanne, CH-1015 Lausanne EPFL, Switzerland, 1999, hal. 104-106
22. David Roylance, *Introduction to Composite Materials*, Department of Materials Science and Engineering Massachusetts Institute of Technology Cambridge, MA 02139, 2000, hal. 2-3
23. Mobley, R. Keith, “*Maintenance Engineering Handbook 7e*” (New York, McGraw-Hill, 2008), hal. 1.7-1.8
24. Laney, Patrick, “*Use of Composite Pipe Materials in the Transportation of Natural Gas*” (Idaho National Engineering and Environmental Laboratory Idaho Falls, Idaho, 2002), hal.16-17
25. Total E&P Indonesia, Riser Maintenance Campaign, Composite Repair System, 2005, hal. 9-10
26. StrongBack, StrongBack System Overview, 2008, hal. 2-7
27. Ensiklopedia Wikipedia, May 2010, hal. 1
28. API 5L, *Specification for line pipe*, API Publishing Services, 1220 L Street, N.W., Washington, D.C. 20005, hal.36-37

29. ASTM International, *ASTM-E8 Standard Test Methods for Tension Testing of Metallic Materials*, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959, United States, 2004, hal.9
30. ASTM International, *ASTM-D638 Standard Test Method for Tensile Properties of Plastics*, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959, United States, 2003, hal.4
31. ASTM International, *ASTM-D790 Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials*, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959, United States, 2007, hal.2
32. ISO International, *ISO-179 Plastic-Determination of Charpy Impact Properties*, Geveva 20, 2000, hal.5-7, 10-11
33. StrongBack price list, 2008, hal.1

