

BIBLIOGRAPHY:-

- [1] Classification of textile fibers
<https://www.iso.org/obp/ui/#iso:std:iso:tr:11827:ed-1:v1:en>
- [2] History-of-polyester <http://qualitynylonrope.com/blog/the-complete-history-of-polyester/>
- [3] Polyester fiber with a market share <http://www.textileworld.com/textile-world/fiber-world/2015/02/man-made-fibers-continue-to-grow/>
- [4] Prashant Agarwal 17th March 2015,Future of Indian MMF based textile industry,Wazir advisors dataSource UN Comtrade.
- [5] Indian polyester 2014 Suresh Khurana CEO Bombay dyeing
<http://eliteconferences.com/wp-content/uploads/2014/08/L.pdf>
- [6] world-polyester-report 2015 <http://www.yarnsandfibers.com/industry-report/2015/world-polyester-report>
- [7] Monofilament uses <http://www.engmono.com/what-are-monofilaments/>
- [8] Manufacture process of polyester, <http://textilelibrary.weebly.com/polyester-mfg-process.html>
- [9]TPA Route: Direct Esterification
Reaction<http://nptel.ac.in/courses/116102010/38>
- [10] Production of PET through PTA route
http://www.hitachi.com/businesses/infrastructure/product_site/ip/process/pet.html
- [11] Principle of the melt-spinning machine<http://www.mdpi.com/2073-4360/7/2/220/htm>
- [12] Melt spinning concept <http://nptel.ac.in/courses/116102010/6>
- [13] Melt rheology <http://nptel.ac.in/courses/116102010/7>
- [14] Hagen poiseuille
equation.wikipedia.org/wiki/Hagen%E2%80%93Poiseuille_equation
- [15] <http://nptel.ac.in/courses/116102010/8>

- [16] Fiber structure formation <http://textilearticle.blogspot.com/1390/06/24/post-18/>
- [17] Cooling & solidifying melt spun filament Man-made fibers year book 1987, published by Chem. text, F. Fourne A, page 64
- [18] J. A. Brydson, Properties of polymer melts, Butterworth & Co. (Publishers) Ltd. England.
- [19] Green, H., Industrial Rheology & Rheological Structures, Wiley, New York (1949).
- [20] Ferry, J.D., Viscoelastic properties of the polymer, Wiley, New York (1961).
- [21] General features of melt spinning Fundamentals of melt spinning by Ziabicki, 1976
- [22] D.W. Ihn & J.A. Cuculo, J. Macromol. Sci. Rev. Macromol. Chem. Phys. C 24 (3), 419–496 (1984).
- [23] Hutt: Des Ingenieurs Taschenbuch: Ern & Sihn: Berlin, 1955, 28th edition, p. 663. Types of cooling
- [24] TMT machinery, CIQ & MANTA Presentation, 2009
- [25] F. Fournier, Synthetic Fibre, Carl Hanser Verlag, Munich (1999). Calculation of quench air Quantity
- [26] F. Fourne, Synthetic Fibre, Carl Hanser Verlag, Munich (1999) Filament cooling
Page 182 to 189
- [27] Zachara A how to estimate the flow characteristics in multifilament spinning, Fibre world May 1987 page 13 and July 1987 page 52
- [28] Dutta .A, Role of quench air profiles in multifilament melt spinning of PET Fibres, Textile Research (Institute) Journal Jan. 1987, page 13
- [29] Ziabicki. A: Fundamentals of Fibre formation, Wiley Interscience, New York 1976

- [30] Falkai.Bvon:Synthesefasern ,VerlagChemie,Weinheim1981
- [31] Luckert,H:Ullman,sEncyclopedia of Industrial Chemistry:Fibres 3rd
General production technology VCH-Verlagsges Weinheim,1987
- [32] Oshima,Y et al:J.chem.soc.Kogyo Kagaku Zarshi 60 (1957) Page 311
- [33] Ziabicki, A :et al :Kolloid –Z 198 (1964) page 60]
- [34] F. Fourne, Synthetic Fibre, Carl Hanser Verlag, Munich (1999)
General view over melt spinning ,Page178 to181
- [35] FP 927334 [Dupont (hull) AD:24.5.1946 with US priority
4.6.1941] [36] Fourne Maschinenbau GmbH,Groboostheim ,Germany
- [37] Barmag AG, Ramschield Germany
- [38] Thiel.H: Zettler,H.D.;Auswahlkriterien fur reaktorenzumherstllen von
polymer,kunststoffe79(1989),8 p.687
- [39] Feinpruf GmbH,Gottingen,Germany
- [40] Barmag AG, Spinning pump division Ramschield Germany
- [41] Symon, Keith (1971). Mechanics (Third ed.). Addison-Wesley. ISBN 0-
201-07392-7
- [42] Victor Lyle Streeter, E. Benjamin Wylie, Keith W. Bedford Fluid
Mechanics, McGraw-Hill, 1998 ISBN 0070625379
- [43] J. P. Holman Heat Transfer, McGraw-Hill, 2002 ISBN 0071226214
- [44] Frank P. Incropera, David P. DeWitt, Fundamentals of Heat and Mass
Transfer, Wiley, 2007 ISBN 0471457280
- [45] IUPAC Gold Book, Definition of (dynamic)
viscosity (<http://goldbook.iupac.org/D01877.html>)
- [46] IUPAC definition of the
poise" ([http://www.iupac.org/goldbook/P04705.pdf#search="poise iupac"](http://www.iupac.org/goldbook/P04705.pdf#search=)).Retrieved 2010-09-14.
- [47] https://www.physics.rutgers.edu/~shapiro/507/bookB_2.pdf

- [48] https://en.wikipedia.org/wiki/Mark%E2%80%93Houwink_equation
- [49] <http://nptel.ac.in/courses/116102029/10>
- [50] DubeyRajesh, Unpublishedwork on quench system design Garden Silk Mills, Surat.
- [51] Chaurasia, B.K. Unpublished work on Quench screen sizes actual design Garden Silk Mills, Surat.
- [52] Filament diameter:[www.minifibres.com/document/choosing-the –proper-short-cut-fibre.pdf](http://www.minifibres.com/document/choosing-the-proper-short-cut-fibre.pdf) page 1
- [53] Nusselt number https://en.wikipedia.org/wiki/Nusselt_number
- [54] Frank P.Incropera, David.Dewit, Fundamental of heat and mass transfer, seventh edition, April 2011
- [55] Roland Beyreuther, Dynamics of fiber formation &processing, Springer-Wesley Berlin Heidelberg,page -48, 2007