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I therefore on drawing with hast total met. brod regionally for bring bond bond toney comb steurtture per Del Des grove do compressive properties and But os 23. 2 3 8 4 4 4 a) As-spun thermotropic aromatic polyester fibres are not drawable but the properties of the fibres can be enhanced by heat treatment. for obtaining s the or included the temporature mobility in the course and there is interior dietuller thom so the nelt when (E is due (1.5X2=3 marks) Composer properties a mebility 200% ama 20117710966 The reason for difference in compressive properties of M5 fibre and PBO fibre. high performance PE films? Explain, the basic asp the hydrogen bording Should 080 percend ENIKINO soustell batten. Incuesed (HO-) BB (B) Polyethylemp किल लिक fibres can be enhanced by heat treatment. tenacity sucomes GIOVAL graphind not beauty. presence been if subusten the High pergeounance of Enter moss culous. water In ms portsonco Of Explain the following. SHILLIN 300000 Sin 100 Drug 0 Suckus Salue oduch

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21 PR470-1 Mydra guina 50- J.a-W) CON O MOHO Punkbond Watwagen the bolymen chain Q2. Draw the qualitative plots of Brookfield viscosity vs concentration for a spinning dopes of a rigid rod polymer of two different molecular weights M_1 and M_2 (where M_2 >2 M_1) at two $\frac{1}{2}$ bress nce (STATES) polyester intochice marks) Aug. 30th, 2013 Roll+ TICAGG different temperatures T₁ and T₂ (where T₂= 2T₁). And explain their rheological behavior.

Austrang m = mode welch waget (4 m Structural requirement for reducing the melting point of thermotropic aromatic Contratacotion Austrump m1 = Moutus Since we know phonya hyderequemone, book yourse geomotion gentle Encrease Sustanosan LTL311: High Performance and Specialty Fibres DEPARTMENT OF TEXTILE TECHNOLOGY the the Hrese Polymer structure suitable for making chemically resistant fibres. where box of culos 被 southpod port allphatic chains waterpan the ENTRY NO Q1. Explain the following with the help of a suitable example. Sport warming CONTRACTOR OF THE PARTY OF THE STATE OF THE PERSON OF THE PER post Minor Test I as duces or and nylon 66 both are polyamides, explain w aromotic mole whom weight weret 0 330 it decreases due Metulein dayous of to Daye pendate the wiscosity For wigid Endroduction GOY AL So courses seeducing MP Thermotice bic Stour Chuse 250 Metule in SHIVIN Soumed termporadusa Total Marks 20 Jempero proson N.AME. to monomod Introduce Kel Ses 204