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Addition polymerisation worksheet

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Adding Polymers - Polymerization of Ethine -- Polyethylene Two types of polyethylene - LDPE and HDPE Show video polymerization propine and chloroethole How to write equations for the formation of polychloroethene and polypropen? chloroethine -- poly (chloroeten), also known as PVC propin -- polypropen show video use and problems of polymers Learn about some of the polymers, their use and the problems associated with them. Show the video Try the free Mathway calculator and problem solving below to practice different math topics. Try these examples or deal with your own problems and check your answer with a step-by-step explanation. We welcome your feedback, comments and questions about this site or page. Please send your feedback or requests through our feedback page. Related: Additional lessons for IGCSE Chemistry Math Sheets series of free CHEMISTRY lessons IGCSE (Cambridge IGCSE Chemistry). Petrochemicals and polymers, oil, alternative fuels and energy sources, addition polymerization, condensate polymerization. The following diagrams show the polymerization of addition (polyethylene) and the polymerization of condensate (Polyamide, Polyester). Scroll down for more examples and explanations. The following diagrams show biological polymers (amino acids, proteins, glucose, starch). Scroll down for more examples and explanations. Fractional distillation of hydrocarbons How hydrocarbons in crude oil are separated by the process of fractional distillation? This is critical because it often happens in exams. Show Step by Step Solutions Catalytic Crack How to convert long chains of alcans into short chains of alkanes and alkenes? It's called catalytic cracking. Show Step by Step Solutions Biofuel How Plant Materials Can Be Converted to Biofuels. We then assess the economic, ethical and environmental challenges associated with biofuels. Show Step-by-Step Polymer Solutions - Adding Polymerization How Do We Make Polymers Out of Monomers? How do you identify the monomer used for the polymer and be able to develop a repetitive block for the polymer? Show Step-By-Step Solution Compare Adding and Condensing Polymerization Show Step-by-Step Solutions Condensation Polymerization - Polyephers Explain polyesters from diparboxyl acids and diols. The process is known as the polymerization of condensate - the formation of water molecules with polyester molecules. Esther link. Show a step-by-step solution How to make a Polyester (Terylene)? Show a step-by-step solution How to make nylon? Show Step-by-Step Solutions Issues Around the Use of Polymers What Is Meant by Words Not Biodegradable? We then explore the positive aspects of polymer use and then the negative aspects. Show a Step-by-Step Solution What Are Biopolimers? Show a Step-by-Step Solution How to Make Carbohydrates? Show a Step-by-Step Solution How to Make Squirrels? Show step-by-step solutions How to make fats? Show Step-by-Step Solutions Hydrolysis Macromolecules Show Step by Step Solutions Organic Chemistry How to Produce Alcohol and Polymers? Show Step by Step Solutions Try the free Mathway calculator and problem solving below to practice different math topics. Try these examples or deal with your own problems and check your answer with a step-by-step explanation. We welcome your feedback, comments and questions about this site or page. Please send your feedback or requests through our feedback page. In this sheet we will practice the definition of additional polymerization and the definition of the structure of the additional polymer from the monomeric reaction. Issue 1: The addition of polymers can be made from many types of monomers. What is the most common type of monomer used to add polymers? AAlcohols BCarboxylic acid CAlkanes DAlkenes EAlkynes No 3: Poly (styrene) is a supplement of polymer from monomeric styrene. If 100 kg of styrene fully responds to the formation of polystyrene, what is the mass of polystyrene produced? Question 4: Which of the following molecules can be polymerized? B C D E No5: Which of the following chemicals are used as a monomer for the next polymer? Abutanol BBut-1-ene CButane DButanoic Acid EBut-2-ene No 6: Which of the following chemicals is used as a monomer for the next polymer? A1,1,2-Trichloroethene B1,1-Trichloroethene C1,2-Dichloroeten DChloroethene E1,1-Dichloroethene No 7: Which of the following charts shows two repetitive polymer units created by 1, 2-dichloroethane? B C D E No8: Which diagram correctly depicts the formation of polyethylene from eten? The question is9: Which diagram represents a polymer made from CHCHCHCH2223? B C D E No10: Which monomer is used to create the next polymer? B C D E No. 11: Fill the gap: Adding polymers are formed by combining many small units called . Aentities Bdivisions Ccomponents DPolys Emonomers No12: Polymer poly (vinyl chloride) has a structure: What is the structure of monomeric vinyl chloride? No 13: Polyethylene is one of the common names for a polymer used to make plastic bags. The re-unit of this polymer has a structural formula: What is the structural formula of the monomer from which the polyethylene is made? As the monomer from which polyethylene is made? AMethane BEthyne CEthane DEthanol EEthene No14: monomeric styrene has a structureOn polymer from styrene has a structureWhat is Polymer? APoly (styrene) BStyrene-polymer CStyrene-polymer DPoly (styrar) EPoly (styrin) No15: The next polymer is the product of an additional polymerization reaction. Which of the following formulas is the correct formula for the monomer of this polymer? B C D E No 16: What type of reaction is the addition of a polymerization example? Reaction ACombustion reaction BAddition reaction reaction of reaction DSubstitution reaction ECondensation No.17: Which of the following statements best describes polymers? APolymers are ionically bonded by high-molecular-weight macromolecules consisting of many different divisions. BPolymers are covalently related high-molecular weight macromolecules that can consist of many repetitive divisions. CPolymers are covalently related atoms of low molecular mass and various divisions. DPolymers are a repetitive unit of low molecular weight, tied together by hydrogen bonds. Question 18: Which of the following reactions is the added reaction of polymerization? A $2nCH_3OHCOCHOCHOCHCOOCH_3COO$ B C D E No19: Which of the following applications is most common for Teflon? Coverage of non-stick utensils BManufacturing plastic bags CManufacturing water pipes DManufacturing textiles EManufacturing rubber This account has been suspended. For more information, contact the hosting provider. Differential,

editable sheets that provide a wide range of assessment questions exploring the addition of polymerization, including the formation and properties of additional polymers and their use in sportswear and equipment. These sheets will ask students to use their knowledge of adding polymers in an applied context. The calculation questions are included to allow you to practice mathematical skills within the subject. Constituent and higher-level sheets are available, and fully edited versions give you the opportunity to choose the questions most relevant to a particular lesson. Teacher versions (also edited) provide all questions. Level Fund Download Student Sheet like MS Word or PDF. Download the teacher's version, including answers to all questions like MS Word or pdf. Higher level Download student sheet like MS Word or PDF. Download the teacher's version, including answers to all questions like MS Word or pdf. Knowledge test sheets provide a number of questions about additional polymerization to assess students' knowledge and understanding of the topic at both the foundation level and at a higher level. The sheets can be used for the individual work of the student in the classroom or at home. Individual response sheets allow teachers or students to use these resources during self-assessment progress. Level Fund Download Student Sheet like MS Word or PDF. Download the teacher's version, including answers to all questions like MS Word or pdf. Higher Level Download Student Sheet Like MS or PDF. Download the teacher's version, including answers to all questions like MS Word or pdf. Pdf. Pdf.

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