Organic Chemistry in the Real World

Introduction to Carbon

•	The bonding characteristics it to be the foundation of			and allow
•	The most significant feature	of the carbor		
•	These characteristics result, and			structures such as
Deo	xyribonucleic Acid (DNA	A)		
•	DNA is a long	occurring	made from re	peating units called
•	These k helix.	oonds twist th	e DNA structure into a	
•	Thymine and Adenine attach	n using	hydrogen bonds. (See	photo)
•	Cytosine and Guanine attack	h using	hydrogen bonds. (See	photo)
Prot	eins			
•	Proteins areo	curring	made up of ar	nino acids
Petr	ochemicals			
•	Petrochemicals are chemica They contain			
•	Petrochemicals are separate	ed using a ted	chnique called	
			ates each hydrocarbon	based on its
Pha	rmaceuticals	•		
•	Common		that are organic c	ompounds include
	,		, and	

Name	Block #

Chemical and Physical Properties

	erties such as	in, or complexity of point, , etc.	
However, the	the IMFs, molecule is of becor	and the longer and more only and the longer and more only and the longer and more only and the longer and more on the longer and the longer and more on the longer and the longer and more of the longer and the longer and more of the longer and the longer and more of the longer and the longer and more of the longer and the longer a	
Saturated and Unsatura	ated Chains		
than solid, due to the _	in the ogether to form a sol and	at room temper chain. The kinks prevent t id. These fats are called	the molecules
Synthetic means in the lab or in industria		as in hydrocarbons that we	ere produced
•	, products used in eve	, and eryday life.	are all
Teflon is used to make	.		
 Kevlar is used to make)		

Polyethylene is used to make ______.

PLASTIC RECYCLING CHART									
PET	2 HDPE	3 PVC	4 LDPE	55 PP	6 PS	OTHER			
POLYETHYLENE TEREPHTHALATE	HIGH DENSITY POLYETHYLENE	POLYVINYL CHLORIDE	LOW DENSITY POLYETHYLENE	POLYPROPYLENE	POLYSTYRENE	OTHER PC POLYCARBONATE			
COSMETIC CONTAINERS FOOD AIMS JELLY AND JAM CONTAINERS MOUTHMALEH MATTER CONTAINERS FOOT TRAFS SALAD DIRESSING SOTTLES SINGLE USE SI	AGRICULTURAL, PURE DETERMINENT BOTTLES PORTLES PER GROCERY BAGS INC. CICLAS TUBS OUL. VINEGAR BOTTLES PALS COMPRENT SHARPOO BOTTLES SHARPOO BOTTLES BOTTLES BOTTLES SHARPOO BOTTLES BO	BLISTEN PACKES BLOOD BAGS CABLE SHAZINGS CAPPET BACKONG FLOOR THES GANDON HOSE BEAZ WARP MEDICAL TURNING FLUOROF FUNDATURE FLUMBEROR FLUOROF FRAMES WIRE INSULATION	6-PACK RINGS BRIEAD BAGS CHY CLEANING BAGS GARRIAGE BAGS HEAVY GUTY BAGS MOLDED LEBORATIONY PLANTIC FOOD BRIAN RECYCLING BRIS SQUEEZABLE BOTTLES TOYS	BOTTLE CAPS CORRAL LINERS CORTAN CHEEK CONTAINERS HOUGH DUCKNESS RETONIP BOTTLES RETONIP BOTTLES RETONIP BOTTLES RECONNES CHEMNES FACKING TAPE PACKING RECONTAINERS STRAWS	CAPETERIA TRAYS CO AND VICEO CARES CONTROLLED HOT ON COLO DRIBNI CUPS & PANIER FLATES ERRONANO GLASSES EGO CARRINGLIS FAST FOOD CLARRINGLIS FOOM PACADIG FOOM PACADIG FOOM PACADIG FAST COUNTAINERS FACING PLANUTS FLATES CULTERY STYTIOT COM TOTAL TOTS VOGUNT CONTAINERS	EASY BOTTLES CAR PARTS FRIENCIASS LANGE MATER SOUTH STATE MAGNES BOTTLES SIPTY CUPS TUPPFRIANSE WATER COOLER SOUTLES			

