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	[발표 기계대 : 1985] 이 경영 : 1985 -

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Sunda rani

Saneter moulding. It is the modification of injection moulding and is suitable for thermosetting plastics.

The moulding of the modification of injection moulding. moulding composition Molding powder in plastic state liquid plastic undergoing curre

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(Sundaram)

(P2)	Jash Sarlang, 7128572, DIAD-47, ECI, Page no. 3/4
	2 molecule: 0 (Z=8)
	Oz molecule: O (Z=8) Electronic configuration (3² 23² 2p4.
	Since and I I a I
	Since oragen nuclecule is a homodiatomic molecule, atomic orbitals of the two oragen atoms are at the same energy levels. Molecular corbital diagram is -
	Molecular coupled disabore is
	Sill diagram is -
	- 2ρ · .
	••• π 2ρ π 2ρ
	20
	4c 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
±	54
3	
Ш	
	28
	525
	$O(AO_s)$ $O(MO_s)$ $O(AO_s)$
	Mala la - 1010 11
	Molecular orbital electronic configuration can be represented as: KK < 62s² < σ² 2s² < σ2ρ² < π2ρ² < π2ρ² < π² 2ρ² < π² 2ρ² < π² 2ρ² < π² 2ρ²
	Mes ces to as a copy a - 11 apr < 11 apr = 11 apr
	Bond order = 1 (8-4) = 2. inchir there are two bonds between 2
	Bond order = 1 (8-4) = 2. implies there are two bonds between 2 oxygen atoms one is 6-bond and other is Tr-bond.
	As The 2py and The 2pz molecular orbitale contain one electron each.
	As The 2py and The 2pz molecular orbitale contain one electron each, oxygen molecule is paramagnetic in nature.
Sundaram	FOR EDUCATIONAL USE

Pa. Yash Salang, FID8542, DIAD-47, ECI, Page no. 4/4 Ion exchange process of demineralization of hand water:

lon exchange resins are used for softening of water. They are organic polymers with long chains with wires links and having functional groups through which revious some are exchanged.

The resins are possess and insoluble in water. Principle - The principle of ion exchange method is based on stability of the ion exchange resine to exchange this functional graps with cations of all anions prescht.

This process includes the passage of row water through cationic exchange resis and followed by possing it through anion exchange resin Reactions: i) As the new water passes through cation outrange resin,

R-He + Mg Cl2 > R-Mg + JHCL. The acidic water energing from ation exchange bed is passed through anion exchange bod. R2-(OH)2 + H2OQ - MR2-504+ 2H2O. R2-(OH)2 + 2HCQ - R2-CL2 + 2H2O. .. The water enverging from anion cruhange bed is her from both cations arions and hence is completely deminerialized. The cation and anion exchange sesin are regenerated when they get saturated and can be used repeatedy. The softened water has very low hardness of Lappon and can be safely used for high pressure poilers. Sundaram