# SETBYLAYERMODE system variable

**Function Description:**

The **SETBYLAYERMODE** system variable is used to control which property are selected for **SETBLAYER** command.

**Type** : Integer
**Saved in** : Registry
**Initial value** : 255
**Range** : 0,1,2,4,8,16,32,64,128

The setting is stored as a bitcode using the sum of listed system variable values.

**System Variable Value:**

**0** : none
**1** : color property
**2** : linetype property
**4** : lineweight property
**8** : material property
**16** : plot style property
**32** :plot style property
**64** :change "ByBlock" to be "Bylayer" including blocks
**128** :change "ByBlock" to be "Bylayer" including blocks