

# Lab Solution



## GB 18401:2010 Chinese National General Safety Technical Code for Textile Products

Requirements		Category A	Category B	Category C
Formaldehyde content/ (mg/Kg)		≤ 20	≤ 75	≤ 300
pH value ( a )		4.0 to 7.5	4.0 to 8.5	4.0 to 9.0
Colourfastness class ( b )	to water (change or staining in colour)	3 - 4	3	3
	to acid perspiration (change or staining in colour)	3 - 4	3	3
	to basic perspiration(change or staining in colour)	3 - 4	3	3
	to dry rubbing	4	3	3
	to saliva (change or staining in colour)	4	-	-
Determination of odor		None		
Azo dyestuff-produced banned aromatic amines ( c )		Cannot be used		

( a ) pH values can be only extended to the range of 4.5 to 10.5 when the products should be again treated in wet during the subsequent handling.

( b ) not applicable to the discoloured products in washing.

( c ) list of banned carcinogenic aromatic amine released under reducing condition is given in Annex C in Technical code-GB 18401-2003.