ETEMAD CABLE	ROUTINE TEST LV Power & Control Cables			Type & Size: 3x2.5 NYMHY Customer :
Cable Elements	**Results**			**Standard Value**
Conductor:	CU-CLASS 5			CU-CLASS 5
Conductor (N0*Dia):	54x0.230			≤0.26
Conductor Resistance (Ω/ km) At 20 ^{0}c (MAX)	7.70			7.98
Insulation:	Min	Mean	Max	
Thickness:(mm)	0.80	0.85	0.90	0.80
Nominal Diameter:(mm)	3.60	3.70	3.80	3.4Min/4.1Max
Color Insulation	Black -Blue-Yellow&Green			*
Insulation material	PVC-D			PVC-D
Insulation Resistance (M Ω. km)	1.3			0.009
Sheath	Min	Mean	Max	
Sheath (Thickness)(mm)	1.10	1.15	1.20	1.10
Overall Diameter(mm)	10.20	10.30	10.40	9.2Min/11.4Max
Jacket material	Pvc-ST5			Pvc-ST5
ELONGATION(Before Insulation aging)(٪)	248			150
ELONGATION (after Insulation aging)(٪)	230			150
TENSILE (Before Insulation aging)(N/mm²)	13.27			10
TENSILE(after Insulation aging)(N/mm²)	13.21			10
ELONGATION(amount of changes)(٪)	-7.25			±20
TENSILE (amount of changes)(N/mm²)	-0.45			±20
ELONGATION(Before jacket aging)(٪)	228			150
ELONGATION (after jacket aging)(٪)	217			150
TENSILE (Before jacket aging)(N/mm²)	13.40			10
TENSILE(after jacket aging)(N/mm²)	13.30			10
ELONGATION(amount of changes)(٪)	-4.82			**±20**
TENSILE (amount of changes)(N/mm²)	-0.74			**±20**

Long Term Res . To DC Voltage 4.8kv	No crack	**No crack**

Cable mark : ETEMAD CABLE CO.3x2.5 mm² NYMHY (607 INSO 53) 300/500 V 6663422956

شماره پیامک اصالت کالا 10001517