اعتماد کابل ETEMAD CABLE	**ROUTINE TEST** **LV Power & Control Cables**			**Type & Size: 3x10 NYMHY**
Cable Elements	**Results**			**Standard Value**
Conductor:	**CU-CLASS 5**			**CU-CLASS 5**
Conductor (N0*Dia):	**150x0/280**			**—**
Conductor Resistance (Ω/ km) At 20 ^{0}c (MAX)	**1/90**			**1/91**
Insulation:	**Min**	**Mean**	**Max**	
Thickness:(mm)	**1/00**	**1/05**	**1/10**	
Nominal Diameter:(mm)	**6/00**	**6/10**	**6/20**	
Color Insulation	**Red-Yellow-Black**			**Red-Yellow-Black**
Insulation material	**PVC-A**			**PVC-A**
Filler	**Min**	**Mean**	**Max**	
Filler(thickness)(mm)	0/95	1	1/05	1
Filler(diameter)(mm)	15/10	15/20	15/30	
Sheath	**Min**	**Mean**	**Max**	
Sheath (Thickness)(mm)	**1/30**	**1/4**	**1/45**	**تبصره :هرطرف از 1.24 کمتر نباشد**
Overall Diameter(mm)	**17/70**	**18/00**	**18/20**	**—**
Jacket material	**PVC-ST1**			**PVC-ST1**
CAble Weight(g/m)	630			*
Min Bending radius(mm)	R=15 x d			R=15 x d
Volumetric resistance 70C(Ω.cm)	**3/2x10^10**			**10^10**
ELONGATION(Before Insulation aging)(٪)	**257**			**150**
ELONGATION (after Insulation aging)(٪)	**243**			**150**
TENSILE (Before Insulation aging)(N/mm²)	**14/08**			**12/5**
TENSILE(after Insulation aging)(N/mm²)	**14**			**12/5**
ELONGATION(amount of changes)(٪)	**-5/44**			**±25**

TENSILE (amount of changes)(N/mm²)	-0/56	±25
ELONGATION(Before jacket aging)(٪)	250	150
ELONGATION (after jacket aging)(٪)	240	150
TENSILE (Before jacket aging)(N/mm²)	15/42	12/5
TENSILE(after jacket aging)(N/mm²)	15/27	12/5
ELONGATION(amount of changes)(٪)	-4	±25
TENSILE (amount of changes)(N/mm²)	-0/97	±25
Long Term Res . To DC Voltage 8.4kv	No crack	No crack
Cable mark : ETEMAD CABLE CO.3x10mm² NYMHY 3569-1(0.6/1KV) 6668434966 MADE IN IRAN 10001517 شماره پیامک اصالت کالا		