

## **RAW MATERIAL SPECIFICATIONS FOR BINDER YARNS**

### 1- **SCOPE**

This specification covers the requirements of binder yarns to be used in Jelly Filly Telephone Cable.

### 2- **QUALITY REQUIREMENT:**

The material type shall be multi-filament polyester yarn low shrinkage uniform in diameter through out the length.

The yarns should be compatible with Jelly compound

The material shall satisfy the requirements specified in table given below:

Sr.No	Parameter	Test method	Requirement
1-	Appearance	Visual	Free from dirt, irregular edges and winded with uniform tension
2-	Weight		1500 Denier.
3-	Filament		200
4-	Breaking strength	ASTM-D- 1907	120N Min.
5-	Elongation	ASTM- D- 2256	18.5 % Min.
6-	Shrinkage warm air 200°C	ASTM-D- 2256	4.2%

### 3- **PACKING:**

The binder yarn shall be wound on the specified cop and packed as to be protected from contamination & damages during transportation and storage.

The cop as the following dimension:

ID of the cope	127 mm
OD of the cope	260 mm about
Length	190 mm

### 4- **TEST CERTIFICATE:**

The supplier shall submit test report for each lot / batch of material.

### 5- **CRITERIA OF ACCEPTANCE / REJECTION:**

The material shall be subjected to inspection and the test shall be carried out For acceptance / rejection on part or whole lot.

### 6- **SAMPLE**

One binder yarn cop to reach our company before closing date by express delivery for making tests.

Sample shall be the basis for accepting or rejecting the offer.