

RAW MATERIAL SPECIFICATION FOR FILLING PVC COMPOUND

1. Scope

This specification covers the requirement of the filling PVC will be used as a filling or a bedding compound. The main purpose is to bind the cores together and give the cable around shape after laying up

2. Quality requirement

The material PVC shall be supplied in uniform granules free from contamination, fines and other defects.

the compound should be easily process on PVC extruders under normal conditions of extrusion and must not stick with the laid up cores, and should give a smooth surface finish.

PROPERTIES	UNIT	TEST METHOD	REQUIREMENTS
Type			Filling PVC
Color			Natural
Form of material			Granules
Density at 23± 2 °C ,max.	g/cm ³	DIN 53479 IEC 811-1-3	1.60
Hardness after 30 sec. @ 23 ±2°c	Shore A	DIN 53505	70 ± 2
Tensile strength, min.	N/mm ²	IEC 811-1-1	4
Elongation, min.	%	IEC 811-1-1	200

3. Packing

The material shall be properly packed in moisture proof bags in a manner that avoids problem in transportation & storage. The material shall be marked for proper identification and each bag weights 25 kg

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

Each tenderer should provide 25 kg as a sample of material provided to reach us before closing date for making tests.

Unless his material is already successfully tested.

The samples shall be the basis for accepting or rejecting the offer.