

TECHNICAL SPECIFICATION

EMVIN 731 NC--PVC CABLE COMPOUND

EMVIN 731 NC PVC Compound meets the test requirements for Type TI 2 as per BS EN 50363-3:2005.

General Properties:

1. Form : Granules
2. Colour : Natural
3. Surface : Smooth, Glossy and Homogeneous
4. Maximum Material
Operating Temperature : 70°C
5. Specific Gravity : 1.44 ± 0.02
6. Shore Hardness : 82 ± 2 A
7. Application : Flexible PVC Insulation

Test as per EN 50363-3:2005	UNIT	TI-2 Requirement	EMVIN 731 Specification
<u>Properties Before ageing :</u>			
Tensile strength	N/mm ²	10.0 (minimum)	15.2
Elongation	%	150 (minimum)	280
<u>Properties after Ageing at 80 °C for 7 Days</u>			
Tensile Strength	N/mm ²	10.0 (minimum)	15.5
Elongation at break	%	150 (minimum)	260
<u>Variation from unaged value</u>			
Tensile Strength	%	20 (maximum)	1.97
Elongation at break	%	20 (maximum)	7.14
Loss of mass after ageing in air oven at 80 °C for 7 x 24 hrs	mg/cm ²	2.0 (maximum)	0.80
<u>Insulation Resistance at 70 °C 'K' Value</u>	M Ω.Km	0.037 (minimum)	0.5

THE ABOVE DATA IS BASED ON THE TEST RESULTS AND, THOUGH GIVEN IN GOOD FAITH, SHALL BE TAKEN NEITHER AS WARRANTY NOR AS GUARANTEE OF COMPOUND PERFORMANCE