

EMVIN 731 NC

Flexible Polyvinyl Chloride
Intergulf Empol

Message:

EMVIN 731 NC is a Flexible Polyvinyl Chloride product. It is available in Africa & Middle East. Typical application: Wire & Cable.
Characteristics include:
Good Aesthetics
Good Flexibility
High Gloss

General Information			
Features	Good Flexibility		
	Good Surface Finish		
	High Gloss		
Uses	Wire & Cable Applications		
Wire Types	Tl2		
Agency Ratings	EN 50363-3		
Appearance	Natural Color		
Forms	Granules		
Physical	Nominal Value	Unit	
Specific Gravity	1.42 to 1.46	g/cm ³	
Hardness	Nominal Value	Unit	
Shore Hardness (Shore A)	80 to 84		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			EN 50363-3
Yield	15.2	MPa	
Yield, 80°C ¹	15.5	MPa	
Tensile Strain			EN 50363-3
Break	280	%	
Break, 80°C ²	260	%	
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (80°C, 168 hr)	2.0	%	EN 50363-3
Change in Ultimate Elongation in Air (80°C, 168 hr)	7.1	%	EN 50363-3
Thermal	Nominal Value	Unit	
Continuous Use Temperature	70.0	°C	
Electrical	Nominal Value	Unit	Test Method
Insulation Resistance (70°C)	0.500	Mohms/km	EN 50363-3
Loss of Mass - 7 days (80°C)	0.800	mg/cm ²	EN 50363-3
NOTE			

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|----|---------------------------|
| 1. | Ageing at 80°C for 7 days |
| 2. | Ageing at 80°C for 7 days |

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