

Karina NATURAL PVC COMPOUND 800-25/ 1-AYR-IS-LMP (*)

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

HEAVY METAL FREE PVC COMPOUND RECOMMENDED FOR SHEATHING AUTOMOTIVE CABLES ACCORDING STANDARDS SCANIA STD 4097/4098 CLASS B.

General Information			
Uses	Automotive Applications		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.27 to 1.33	g/cm ³	IEC 60811-1-3
Cadmium Content	< 50	ppm	IEC 62321
Chromium Content	< 100	ppm	IEC 62321
Color	OK		ME 12
Color a	-0.290 to 2.71		ME 12
Color b	12.4 to 15.4		ME 12
Color L	85.3 to 88.3		ME 12
Mercury Content	< 100	ppm	IEC 62321
Flammability Characteristics	Pass		STD 4117/4118/7611
Bromine Content	< 100	ppm	IEC 62321
Chemical Characteristics	Pass		STD 4117/4118/7611
Lead Content	< 100	ppm	IEC 62321
Low Temperature Flexibility	Pass		STD 4117/4118/7611
Thermal Retraction	Pass		STD 4117/4118/7611
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	78 to 82		NBR 7456
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 16.7	MPa	ASTM D638
Tensile Elongation (Yield)	> 250	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -37.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ²	> 3.0E+12	ohms·cm	NBR 5403
NOTE			
1.	24 hr		
2.	24 hr		

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