

# Karina BLACK PVC COMPOUND 814-48/1-E-AC

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

## Message:

ANTI FLAME PVC COMPOUND RECOMMENDED FOR EXTRUSION OF COAXIAL CABLES' CAPE AND EXTERNAL COVER FOR FLEXIBLE STEEL CORRUGATED ELECTRODUCT.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Appearance	Black		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity <sup>1</sup>	1.38 to 1.44	g/cm <sup>3</sup>	ASTM D792
Color	OK		ME 12
Color a	-0.840 to 0.760		ME 12
Color b	-1.22 to 0.380		ME 12
Color L	27.4 to 29.0		ME 12
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	78 to 82		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 11.8	MPa	ASTM D638
Tensile Elongation (Yield)	> 200	%	ASTM D638
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity <sup>2</sup>	> 1.0E+13	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Oxygen Index	> 30	%	ASTM D2863
NOTE			
1.	24 hr		
2.	24 hr		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

