

Karina BLACK PVC COMPOUND 810D48/ 1-C-AC-AS-HSF

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

Karina BLACK PVC COMPOUND 810D48/ 1-C-AC-AS-HSF is a Polyvinyl Chloride product. It is available in Latin America.

General Information			
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.33 to 1.39	g/cm ³	ASTM D792
Cadmium Content	< 50	ppm	ASTM D1971
Chromium Content	< 100	ppm	ASTM D1971
Color	OK		ME 12
Color a	-0.750 to 0.850		ME 12
Color b	-1.00 to 0.600		ME 12
Color L	25.9 to 27.5		ME 12
Mercury Content	< 100	ppm	ASTM D1971
Bromine Content	< 100	ppm	IEC 62321
Lead Content	< 100	ppm	ASTM D1971
Maximum Variation of Elongation	< 30	%	UL 83
Maximum Variation of Tensile Strength	< 30	%	UL 83
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	80 to 84		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 13.7	MPa	ASTM D638
Tensile Elongation (Yield)	> 270	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 13.7	MPa	UL 83
Tensile Elongation ³ (Break)	> 200	%	UL 83
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -40.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+13	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 30	%	ASTM D2863
NOTE			
1.	24 hr		
2.	Aged in Air for 168 hr at 100°C		

3.	Aged in Air for 168 hr at 100°C
4.	24 hr

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Recommended distributors for this material

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