

Karina IVORY PVC COMPOUND 900-35/ 1-AYR-AC-LMP

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

FLAME RETARDANT AND LEAD FREE PVC COMPOUND, FLEXIBLE AT LOW TEMPERATURES.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Low (to None) Lead Content		
	Low Temperature Flexibility		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.29 to 1.35	g/cm ³	ASTM D792
Cadmium Content	< 50	ppm	IEC 62321
Chromium Content	< 100	ppm	IEC 62321
Color	OK		ME 12
Color a	-2.07 to 0.930		ME 12
Color b	2.02 to 5.02		ME 12
Color L	91.9 to 94.9		ME 12
Mercury Content	< 100	ppm	IEC 62321
Bromine Content	< 100	ppm	IEC 62321
Lead Content	< 100	ppm	IEC 62321
Maximum Variation of Elongation	< 25	%	ASTM D638
Maximum Variation of Tensile Strength	< 25	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	88 to 92		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 12.6	MPa	ASTM D638
Tensile Elongation (Yield)	> 150	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 12.6	MPa	ASTM D638
Tensile Elongation ³ (Break)	> 150	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -25.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+14	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 136°C		
3.	Aged in Air for 168 hr at 136°C		
4.	24 hr		

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