

Karina IVORY PVC COMPOUND 90901-35/ 1-D-AC-AS-LMP

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

HEAVY METAL FREE PVC COMPOUND CLASS 90C, FLAME AND UV RESISTANT (UL 1581 PART 1200) AND FLEXIBLE AT -30C.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good UV Resistance		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.39 to 1.45	g/cm ³	IEC 60811-1-3
Cadmium Content	< 50	ppm	ASTM D1971
Chromium Content	< 100	ppm	ASTM D1971
Color	OK		ME 12
Mercury Content	< 100	ppm	ASTM D1971
Bromine Content	< 100	ppm	IEC 62321
Lead Content	< 100	ppm	ASTM D1971
Maximum Variation of Elongation	< 25	%	IEC 60811-1-2
Maximum Variation of Tensile Strength	< 25	%	IEC 60811-1-2
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	88 to 92		NBR 7456
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 12.6	MPa	IEC 60811-1-1
Tensile Strain (Yield)	> 150	%	IEC 60811-1-1
Elastomers	Nominal Value	Unit	Test Method
Tensile Elongation ² (Break)	> 150	%	IEC 60811-1-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ³	> 1.0E+14	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 30	%	NBR 6245
NOTE			
1.	24 hr		
2.	Aged in Air for 168 hr at 121°C		
3.	24 hr		

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