

Karina IVORY PVC COMPOUND 105911-35/ 1-BY-AC-LMP

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

HEAVY METAL FREE, FLAME RETARDANT AND OIL RESISTANT PVC COMPOUND CLASS 105C.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Oil Resistant		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.33 to 1.39	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	-1.59 to 1.41		ME 12
Color b	4.37 to 7.37		ME 12
Color L	89.7 to 92.7		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	%	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	> 15.0	MPa	IEC 60811-1-1
Tensile Strain (Yield)	> 150	%	IEC 60811-1-1
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 15.0	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 150	%	IEC 60811-1-2
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -12.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+14	ohms · cm	NBR 5403
Flammability	Nominal Value	Unit	Test Method

Flame Rating	V-0	UL 94
Oxygen Index	> 28	% NBR 6245
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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