

Karina IVORY PVC COMPOUND -E

90900-35/1-B-AC

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

FLAME RETARDANT PVC COMPOUND CLASS 90C.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.37 to 1.41	g/cm³	ASTM D792
Color	0.00OK		ME 12
Color a	-1.70 to 1.30		ME 12
Color b	1.92 to 4.92		ME 12
Color L	91.3 to 94.3		ME 12
Maximum Variation of Elongation	< 35	%	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)	86 to 90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 13.8	MPa	ASTM D638
Tensile Elongation (Yield)	> 150	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 13.8	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 150	%	IEC 60811-1-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 5.0E+13	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.	Aged in Air for 168 hr at 121°C		
4.	24 hr		

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