

Karina IVORY PVC COMPOUND 105900-35/1-B-AC-AS

Polyvinyl Chloride
Karina Ind. e Com. de Plásticos Ltda

Message:
FLAME RETARDANT AND SUNLIGHT RESISTANT PVC COMPOUND (ACCORDING UL 1581 - SUNLIGHT RESISTANCE - CARBON-ARC AND XENON-ARC TESTS).

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.35 to 1.41	g/cm³	IEC 60811-1-3
Color	OK		ME 12
Color a	-1.53 to 1.47		ME 12
Color b	3.83 to 6.83		ME 12
Color L	89.2 to 92.2		ME 12
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		ASTM D2240
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 Strength ²	> 12.6	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 150	%	IEC 60811-1-2
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	%	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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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

