

Karina BLACK PVC COMPOUND 820-48/1-D-AC-BZ

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

HEAVY METAL FREE PVC COMPOUND RECOMMENDED FOR PROFILES EXTRUSION. ALSO RECOMMENDED FOR PLUG INJECTION.

General Information	
Uses	Reflectors
Appearance	Black
Processing Method	Injection Molding
	Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Density ¹	1.36 to 1.42	g/cm ³	IEC 60811-1-3
Color	OK		ME 12
Color a	-0.790 to 0.810		ME 12
Color b	-1.23 to 0.370		ME 12
Color L	26.4 to 28.0		ME 12

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	80 to 84		NBR 7456

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 12.7	MPa	IEC 60811-1-1
Tensile Strain (Yield)	> 200	%	IEC 60811-1-1

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 13.7	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 160	%	IEC 60811-1-2

Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -30.0	°C	ASTM D746

Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+13	ohms·cm	NBR 5403

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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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



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