

# KARINTOX ENCH./ 03

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

## Message:

KARINTOX WAS SPECIALLY DEVELOPED. IT IS A THERMOPLASTIC POLYOLEFIN, FLAME RETARDANT, NON-HALOGEN AND LOW SMOKE EMISSION RECOMMENDED FOR ELECTRICAL COATING FOR CABLES UNTIL 1KV. FOR A BETTER USAGE/PROCESSING WE SUGGEST A PRE-WARM/HEAT ( 2 HOURS IN 70-80C ) MAINLY AFTER BEING STOCKED FOR A LONG TIME. LOW COMPRESSION SCREWS ( 1.2:1 IS THE IDEAL ) AND CLEAVING -THERMICAL PROFILE FROM 140C TO 165C AND MELTING TEMPERATURES NO MORE THAN 180C.

General Information			
Features	Flame Retardant		
	Halogen Free		
	Low Smoke Emission		
Uses	Wire & Cable Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity <sup>1</sup>	1.52 to 1.56	g/cm <sup>3</sup>	ASTM D792
Cadmium Content	< 50	ppm	IEC 62321
Chromium Content	< 100	ppm	IEC 62321
Mercury Content	< 100	ppm	IEC 62321
Moisture	< 600	ppm	ME 52
Bromine Content	< 100	ppm	IEC 62321
Lead Content	< 100	ppm	IEC 62321
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	93 to 97		ASTM D2240
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity <sup>2</sup>	> 1.0E+14	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 36	%	ASTM D2863
NOTE			
1.	24 hr		
2.	24 hr		

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## Recommended distributors for this material

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