

Keliren® XJ-HPN

Chlorinated Polyethylene

Hangzhou Keli Chemical Co., Ltd.

Message:

XJ-HPN CHLORINATED POLYETHYLENE (CPE) COMPOUND FOR UL STANDARD PARALLEL WIRE'S INSULATION

PRODUCT FEATURES:

HPN insulating material and SJ series wire jacket material of CPE compound can be made according to UL design standards. All the products can pass the property tests in the 105°C specification, so it has good processing property and characteristics such as vivid color, permanency in color holding and smooth & beautiful appearance.

MAIN APPLICATION:

This products can be used to manufacture kinds of insulating wire jacket of HPN 105°C US. specification and below grade, 105 SJ series and below grade, it also can substitute CR rubber and CSM rubber.

General Information	
Features	Good Processability
Uses	Wire Jacketing
Agency Ratings	UL 1581
	UL 62

Elastomers	Nominal Value	Unit
Tensile Stress ¹ (Break)	> 9.00	MPa
Tensile Elongation ² (Break)	> 250	%

Aging	Nominal Value	Unit
Change in Tensile Stress		
121°C, 18 hr, in IRM 902 Oil	-40 to 40	%
136°C, 168 hr, in Air oven	-20 to 20	%
Change in Tensile Strain at Break		
121°C, 18 hr, in IRM 902 Oil	-40 to 40	%
136°C, 168 hr, in Air oven	-30 to 30	%

Electrical	Nominal Value	Unit
Volume Resistivity (20°C)	> 9.5E+12	ohms · cm
Flammability	Nominal Value	Unit
Oxygen Index	> 32	%

NOTE	
1.	Before ageing test
2.	Before ageing test

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