

FLAME-RETARDANT CPE JACKETING COMPOUND

Application

For Jacketing of CATV cable, power limiting electric circuit cable, etc.

It has outstanding properties of weather-resistance, UV-ray-resistance.

So, it can be also used for Jacket material of shipyard electrical cable and control cable.

Specification

to UL 1581- 50.28

Temperature Rating: 90°C

Characteristics

NO.	TEST ITEM TEMPERATURE RATING,	UNIT	VALUE	UL 1581 table 50.28
1	Mechanical properties before aging	°C	90	
1.1	Tensile Strength	Mpa	>11.8	>9.65
1.2	Elongation at break	%	>250	>150
1.3	100% Elogation strength	MPa	>6.8	
2	Mechanical properties after aging 121°C,168h			
2.1	Change ratio of Tearing Strength	%	<15	<15
2.2	Change ration of Elongation	%	<40	<50
3	Specific gravity		1.37	
4	Oxygen Index	%	>30	
5	MFR(160°C,21.6kg)	g/10min	>3	
6	SHORE Hardness	A	>90	

the above data should be regarded as a general guide and should not be used as specification.
Data obtained after processing and testing should be adopted at the discretion of the user.

Processing Condition

General extruder is recommended.

Extruder (L/D) ratio: >20

Compression ratio: 3:1;

Temperature of extruder: 120 -145°C;

Pressure or semi-pressure extrusion is recommended.

Package & Storage

Generally, 25kgs in one carton box or depends on customers' requirements.



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