

# Small Boss HS-105-1

Polyvinyl Chloride

Tongxiang Small Boss Special Plastic Products Co., Ltd.

## Message:

PVC Granule Special for Cable,with PVC resin as its basic material and added with plasticizer, stabilizer and other additives, as well as mixed with high efficient flame retardant, PVC cable material special for network cable is processed through particular mixing refining device.It is a PVC cable material with high flame-retardant performance, which has excellent heat resistant and oxidation resistant properties. It can meet the thermal aging test request in UL Standard and mainly applies in network cable jacket with CMH, CMX, CM, CMG, CMR and CMP symbol of burning grade in UL13, UL444 and other standards. Meanwhile, it can also apply in cable jacket with high flame-retardant request.

General Information			
Uses	Insulation		
	Wire & Cable Applications		
Wire Types	CM		
	CMG		
	CMH		
	CMP		
	CMR		
	CMX		
Agency Ratings	UL 13		
	UL 444		
Forms	Granules		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	< 1.40	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 15.0	MPa	ASTM D638
Tensile Elongation (Break)	> 150	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-40.0	°C	ASTM D746
Hot Deformation	< 40	%	
Thermal Stability (200°C)	> 1	hr	
Weight Loss on Heating <sup>1</sup> (100°C)	< 20	g/m <sup>2</sup>	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (20°C)	> 1.0E+14	ohms·cm	ASTM D257
Dielectric Strength	> 20	kV/mm	ASTM D149
NOTE			
1.	168 hr		

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