

HANWHA CCBA-8725BK

Polyolefin

Hanwha Chemical

Message:

HANWHA Wire and Cable Compound CCBA-8725BK is a semiconductive compound for insulation shielding of medium voltage (33kV) power cables. CCBA-8725BK has a low adhesion level in the range 3~6 kg/0.5 inch.

General Information			
Features	Semi-conductive		
	Good electrical performance		
Uses	Medium Voltage Semiconductive Shield		
	Wire and cable applications		
	High voltage insulation		
Agency Ratings	AEIC CS5		
	AEIC CS7		
	BS 6622		
	IEC 60502		
	IEC 60840		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ASTM D1505
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	14.7	MPa	ASTM D638
Tensile Elongation (Break)	250	%	ASTM D638
Films	Nominal Value	Unit	Test Method
Peel Strength	3.1	kN/m	Internal method
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (136°C, 168 hr)	< -10	%	ASTM D573
Change in Ultimate Elongation in Air (136°C, 168 hr)	< -10	%	ASTM D573
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -45.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity			ASTM D257

23°C	< 2.0E+2	ohms·cm	ASTM D257
60°C	< 5.0E+2	ohms·cm	ASTM D257
90°C	< 1.0E+3	ohms·cm	ASTM D257
Extrusion	Nominal Value	Unit	
Melt Temperature	100 - 130	°C	
Extrusion instructions			

Cure Temperature : 320~390°C

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