

Honghai CPE 135B

Chlorinated Polyethylene

Weifang Honghai Plastics Technology Co., Ltd.

Message:

This product is a kind of saturated thermoplastic elastomer with irregular structure, almost no crystal. It features lower plasticizing temperature and Mooney viscosity, fine processing property, heat resistance, weatherability, oil resistance, flame retardancy, chemical resistance and ozone resistance and so on. It can not only act as impact modifier of hard PVC products to largely produce plastic doors & windows and pipes but also act as special rubber to substitute chloroprene rubber and to produce wires, cables, rubber hose and adhesive tape.

The product is mainly used for special synthetic rubber. In addition, it can act as modifier and solubilizer of general-purposed synthetic rubber. It is widely used in such fields as wires and cables (cables for coal mine and specified wires in standard of UL and VDE etc.), hydraulic rubber hose, rubber hose for vehicles, adhesive tape, adhesive board, PVC profiles, pipe modification, magnetic materials and ABS modification and so on.

General Information	
Features	Workability, good
	Ozone resistance
	Good chemical resistance
	Fatigue resistance
	Good weather resistance
	Oil resistance
Uses	Strap
	Wire and cable applications
	Pipe
	Plastic modification

Physical	Nominal Value	Unit	Test Method
Mooney Viscosity	< 100	MU	ASTM D1646
Chlorine Content	33.0 - 37.0	wt%	GB/T 7139
Decomposition Temperature	> 165	°C	HG/T 2704
Sieve Residue - 20 Mesh		%	GB/T 2916
Heat of Fusion		J/g	DSC
Volatiles		%	GB/T 2914
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	< 60		GB/T 2411
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 6.00	MPa	GB/T 528
Tensile Elongation (Break)	> 600	%	GB/T 528

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