

# Hangzhou Keli ACS C-140

Acrylonitrile Chlorinated Polyethylene Styrene

Hangzhou Keli Chemical Co., Ltd.

## Message:

ACS resin is the modified & improved product based on the general grade of ABS resin, which ACS has the properties of weather resistance, flame retardant and static resistance. As rubber grade of saturated CPE with excellent properties substitutes for polybutadiene in the ABS, ACS mechanical property is the same as ABS, but ACS with good properties of weather resistance, ultraviolet ray resistance, ozone resistance, flame retardant and static resistance; it is widely used in the applications of electronic products, electric appliances, telecommunication facilities, instruments & meters, construction materials, decorating materials, auto parts and office equipment.

## Applications

Pipes, plates & furniture, sports & leisure goods for outdoors

General Information			
Features	Flame Retardant		
	Good UV Resistance		
	Good Weather Resistance		
	Medium Impact Resistance		
	Ozone Resistant		
	Terpolymer		
Uses	Appliances		
	Automotive Applications		
	Construction Applications		
	Decorative Parts		
	Electrical/Electronic Applications		
	Furniture		
	Outdoor Applications		
	Piping		
	Sporting Goods		
	Telecommunications		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	10	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	72		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	25.0	MPa	ISO 527-2
Tensile Strain (Break)	30	%	ISO 527-2
Flexural Stress	35.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	40	kJ/m <sup>2</sup>	ISO 180

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