

Colorite CS Series CS8039UL

Flexible Polyvinyl Chloride

Colorite Polymers

Message:

Colorite CS Series CS8039UL is a Flexible Polyvinyl Chloride product. It can be processed by wire & cable extrusion and is available in Asia Pacific, Europe, or North America. Typical application: Wire & Cable.

Characteristics include:

- Chemical Resistant
- Flame Retardant
- Good Flexibility
- Sunlight Resistant
- Wear Resistant

General Information			
Features	Flame Retardant		
	Good Abrasion Resistance		
	Good Chemical Resistance		
	Low Smoke Emission		
	Low Temperature Flexibility		
	Sunlight Resistant (720 hours)		
Uses	Wire & Cable Applications		
Wire Types	T		
	TW		
Agency Ratings	UL 1063		
	UL 1072		
	UL 1277		
	UL 1569		
	UL 62		
	UL 83		
Processing Method	Wire & Cable Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	82		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	14.5	MPa	ASTM D412
Tensile Elongation (Break)	350	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-31.0	°C	ASTM D746

Maximum Operating Temperature	80	°C	ASTM D2863
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863

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