

# Kpren CM235

Chlorinated Polyethylene Elastomer

Shandong Xuye New Materials Co., Ltd.

## Message:

Chlorinated polyethylene (CPE) is one of the leading products of Xuye new materials. The registered trademark is Kpren. The products cover all the important chlorinated polyethylene markets in both domestic and international.

Xuye Kpren CPE is high molecular synthetic material that produced by HDPE. It is white power, which is thermoplastic elastomer. It has the performances like: heat-resisting, weather-proof, oil resistance, inflaming retarding, chemical resistance, ozone resistance, etc. It can be used as impact modifier for PVC hard product, which is largely used in the production of plastics doors and windows and the production of tubing. It can also be used as special rubber to replace neoprene, used in electric wire and hose tape industries.

Xuye Kpren CPE is a low-energy, no pollution product. The use of this product plays an important role in the transform of traditional industries and the development of national economy.

Kpren CM235: Low Mooney viscosity, good process flow ability, low hardness, which is widely used in many rubber areas.

General Information			
Features	Flame Retardant		
	Good Chemical Resistance		
	Good Flow		
	Good Weather Resistance		
	Low Hardness		
	Low Viscosity		
	Medium Heat Resistance		
	Oil Resistant		
	Ozone Resistant		
Uses	Plastics Modification		
	Tape		
	Wire & Cable Applications		
Appearance	White		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 125°C)	50 to 60	MU	ISO 289
Chlorine Content	33.0 to 37.0	wt%	ISO 1159
Volatile Matter	< 0.50	%	ISO 1269
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	< 55		ISO 7619
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Break)	> 8.00	MPa	ISO 37
Tensile Elongation (Break)	> 850	%	ISO 37

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