

# Etinox® 610

Polyvinyl Chloride Homopolymer

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## Message:

The resin ETINOX 610 is a vinyl chloride homopolymer obtained by suspension polymerization.

### CHARACTERISTICS:

The resin ETINOX 610 is a resin of low molecular weight, which offers good fusion behaviour at low temperatures. Due to its high bulk density, ETINOX 610 has a high level of machine productivity. The resin ETINOX 610 has good thermal stability and initial color, creating finished products with high transparency.

### RECOMMENDED APPLICATIONS:

Blow molded injected and extruded bottles

Calendering of transparent rigid films and sheets

Injected molding of rigid products (fittings, electric boxes)

Foamed or compact profile extrusion

Monofilament

General Information			
Features	Good Thermal Stability		
	High Clarity		
	Homopolymer		
	Low Molecular Weight		
Uses	Bottles		
	Film		
	Fittings		
	Monofilaments		
	Profiles		
	Sheet		
Appearance	Clear/Transparent		
Processing Method	Calendering		
	Extrusion Blow Molding		
	Injection Blow Molding		
	Injection Molding		
	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.56	g/cm <sup>3</sup>	ISO 60
K (wear) Factor	58.0		ISO 1628-2
Particle Size			ISO 4610
<0.063 µm	2.00	%	
>0.250 µm	2.00	%	
Specific Viscosity <sup>1</sup>	0.320		ISO 1628-2

Volatiles	0.20	%	ISO 1269
NOTE			

- 0.4 gr of resin in 100 cc of cyclohexanone at 25°C

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#### Recommended distributors for this material

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