

# Nylene® CX3451

Polyamide Copolymer

Custom Resins Group

## Message:

Injection molding grade copolymer nylon developed for high clarity

Excellent toughness, chemical resistance, and transparency

Suitable for uses such as reservoirs, filter bowls, sight windows, and other applications where clarity, toughness, and chemical resistance are required

Maximum clarity is achieved by using low mold temperatures

General Information			
Features	Good Chemical Resistance		
	High Clarity		
	Ultra High Toughness		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	58.6	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	350	%	ASTM D638
Flexural Modulus (23°C)	1720	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	195	°C	ASTM D3418

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## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

