

# Nylene® CX3482

Polyamide 6

Custom Resins Group

Message:

Copolymer of nylon 6

Has many of the properties desirable in nylon 6 such as toughness, chemical resistance and strength coupled with the advantages of a copolymer

Advantages include high elongation, good clarity and flexibility, and lower processing temperatures

Effective processing is achieved with extruder and die temperatures in the range of 450 - 525°F but may be processed as low as 420°F

General Information			
Features	Good Chemical Resistance		
	Good Flexibility		
	Good Toughness		
	High Clarity		
	High Elongation		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	46.2	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	400	%	ASTM D638
Flexural Modulus (23°C)	1660	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	200	°C	ASTM D3418
Extrusion	Nominal Value	Unit	
Die Temperature	232 to 274	°C	

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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



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