

NIMA NH PC143P

Polycarbonate
Ovation Polymers Inc.

Message:
Non-Hal FR-PC with High HDT, high impact and improved processability.

General Information			
Features	Flame Retardant		
	Good Processability		
	Halogen Free		
	High Heat Resistance		
	High Impact Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹ (23°C)	1600	MPa	ASTM D638
Tensile Strength ² (Yield, 23°C)	58.0	MPa	ASTM D638
Tensile Elongation ³ (Break, 23°C)	40	%	ASTM D638
Flexural Modulus ⁴ (23°C, 50.0 mm Span)	1900	MPa	ASTM D790
Flexural Strength ⁵ (Yield, 23°C, 50.0 mm Span)	70.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	150	J/m	
23°C	730	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	120	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	50 mm/min		
4.	1.3 mm/min		
5.	1.3 mm/min		

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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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