

# NOVA PC 1045

Polycarbonate

NOVA Polymers, Inc.

## Message:

NOVA PC 1045 is a polycarbonate (PC) material. This product is available in North America and is processed by injection molding.

The main features of NOVA PC 1045 are:

flame retardant/rated flame

Flame Retardant

General Information			
UL YellowCard	E143392-223286		
Features	Flame retardancy		
UL File Number	E143392		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 3.18 mm)	62.1	MPa	ASTM D638
Flexural Modulus (3.18 mm)	2170	MPa	ASTM D790
Flexural Strength (Yield, 3.18 mm)	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	750	J/m	ASTM D256
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
3.18 mm	V-0		UL 94
6.35 mm	V-0		UL 94
Additional Information			

Moisture Content, ASTM D 4019-88: <0.04 %

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## Recommended distributors for this material

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