

NOVAPOLY 0225UV

Polycarbonate Alloy

NOVA Polymers, Inc.

Message:

NOVAPOLY 0225UV is a Polycarbonate Alloy (PC Alloy) material. It is available in North America for injection molding.

General Information			
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (266°C/2.16 kg)	14	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm, Injection Molded)	0.80 to 1.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	51.7	MPa	ASTM D638
Flexural Modulus ² (Injection Molded)	2070	MPa	ASTM D790
Flexural Strength ³ (Yield)	82.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	690	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 6.35 mm, Injection Molded	107	°C	
1.8 MPa, Unannealed, 6.35 mm, Injection Molded	98.9	°C	
NOTE			
1.	Type I, 51 mm/min		
2.	1.3 mm/min		
3.	1.3 mm/min		

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Recommended distributors for this material

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