

NYLOY® D-0700N

Polycarbonate + ABS

Nytex Composites Co., Ltd.

Message:

NYLOY® D-0700N is a Polycarbonate + ABS (PC+ABS) material. It is available in Asia Pacific or North America for injection molding. Primary attribute of NYLOY® D-0700N: Impact Resistant.

General Information			
Features	High Impact Resistance		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.977	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.54	%	
Across Flow	0.65	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	82		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	50.0	MPa	ASTM D638
Tensile Elongation (Break)	35	%	ASTM D638
Flexural Modulus	2160	MPa	ASTM D790
Flexural Strength	77.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C, 3.18 mm	340	J/m	
23°C, 3.18 mm	510	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	125	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	110	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	220 to 250	°C	

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Recommended distributors for this material

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