

Zytel® PC310 NC010

NYLON RESIN
DuPont Performance Polymers

Message:
Unreinforced Polyamide 66

General Information				
Additive		demoulding		
RoHS Compliance		Contact manufacturer		
Forms		Particle		
Processing Method		Injection molding		
Part Marking Code (ISO 11469)		>PA66		
Resin ID (ISO 1043)		PA66		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.14	--	g/cm ³	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	3100	1400	MPa	ISO 527-2
Tensile Stress (Yield)	82.0	55.0	MPa	ISO 527-2
Tensile Strain (Yield)	4.5	25	%	ISO 527-2
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.5	15	kJ/m ²	ISO 179/1eA
Thermal	Dry	Conditioned	Unit	Test Method
Melting Temperature ¹	262	--	°C	ISO 11357-3
Flammability	Dry	Conditioned	Unit	Test Method
Burning Rate ² (1.00 mm)	< 100	--	mm/min	ISO 3795
FMVSS Flammability	B	--		FMVSS 302
NOTE				
1.	10°C/min			
2.	FMVSS 302			

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