

Zytel® SC315 NC010

NYLON RESIN
DuPont Performance Polymers

Message:
Unreinforced Polyamide 612 Developed for the Healthcare Industry

General Information				
Forms		Pellets		
Processing Method		Extrusion Injection Molding		
Part Marking Code (ISO 11469)		>PA612<		
Resin ID (ISO 1043)		PA612		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.06	--	g/cm ³	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	2400	1700	MPa	ISO 527-2
Tensile Stress (Yield)	62.0	54.0	MPa	ISO 527-2
Tensile Strain (Yield)	4.5	18	%	ISO 527-2
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.5	4.0	kJ/m ²	ISO 179/1eA
Thermal	Dry	Conditioned	Unit	Test Method
Melting Temperature ¹	218	--	°C	ISO 11357-3
NOTE				

1. 10°C/min

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