

DuPont Performance Polymers Zytel® SC315 NC010 Nylon 612 (Unverified Data**)

Category : Polymer , Thermoplastic , Nylon , Nylon 612

Material Notes:

Unreinforced Polyamide 612 Developed for the Healthcare Industry Information provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Zytel-SC315-NC010-Nylon-612-nbspUnverified-Data.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	DAM; ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	54.0 MPa	7830 psi	50%RH; ISO 527-1/-2
	62.0 MPa	8990 psi	DAM; ISO 527-1/-2
Elongation at Yield	4.5 %	4.5 %	DAM; ISO 527-1/-2
	18 %	18 %	50%RH; ISO 527-1/-2
Tensile Modulus	1.70 GPa	247 ksi	50%RH; ISO 527-1/-2
	2.40 GPa	348 ksi	DAM; ISO 527-1/-2
Charpy Impact, Notched	0.350 J/cm ²	1.67 ft-lb/in ²	DAM; ISO 179/1eA
	0.400 J/cm ²	1.90 ft-lb/in ²	50%RH; ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	218 °C	424 °F	DAM; 10°C/min; ISO 11357-1/-3

Descriptive Properties	Value	Comments
Delivery Form	Pellets	
Part Marking Code	>PA612<	ISO 11469
Processing	Injection Moulding	
	Other Extrusion	
Regional Availability	Asia Pacific	
	Europe	
	Global	

Descriptive Properties	Value _{ast/Africa}	Comments
	North America	
	South and Central America	
Resin Identification	PA612	ISO 1043

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