

DuPont Performance Polymers Zytel® LC6601 NC010 Nylon 612

Category : Polymer , Thermoplastic , Nylon , Nylon 612 , Nylon 612, Impact Modified

Material Notes:

Plasticized Toughened Polyamide 612 Developed for Extrusion Information provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Zytel-LC6601-NC010-Nylon-612.php

Physical Properties	Metric	English	Comments
Density	1.02 g/cc	0.0368 lb/in ³	DAM; ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.0 MPa	4060 psi	DAM; ISO 527-1/-2
Elongation at Break	>= 50 %	>= 50 %	DAM; Nominal; ISO 527-1/-2
Elongation at Yield	30 %	30 %	DAM; ISO 527-1/-2
Tensile Modulus	0.800 GPa	116 ksi	DAM; ISO 527-1/-2
Flexural Modulus	0.800 GPa	116 ksi	DAM; ISO 178
Charpy Impact, Notched	7.00 J/cm ²	33.3 ft-lb/in ²	DAM; ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	215 °C	419 °F	DAM; 10°C/min; ISO 11357-1/-3
Deflection Temperature at 0.46 MPa (66 psi)	120 °C	248 °F	DAM; ISO 75-1/-2
Deflection Temperature at 1.8 MPa (264 psi)	45.0 °C	113 °F	DAM; ISO 75-1/-2

Descriptive Properties	Value	Comments
Delivery Form	Pellets	
Part Marking Code	>PA612-HIP<	ISO 11469
Processing	Film Extrusion	
	Other Extrusion	
	Profile Extrusion	
	Sheet Extrusion	
Regional Availability	Asia Pacific	

Descriptive Properties	Value	Comments
	Global	
	Near East/Africa	
	North America	
	South and Central America	
Resin Identification	PA612-HIP	
	PA612-HIP	ISO 1043

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