

DuPont Performance Polymers Zytel® LC6601 BK551 Nylon 612 (Unverified Data**)

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-BK551-Nylon-612-nbspUnverified-Data.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	32.0 MPa	4640 psi	DAM; ISO 527-1/-2
Elongation at Break	>= 50 %	>= 50 %	DAM; Nominal; ISO 527-1/-2
Elongation at Yield	32 %	32 %	DAM; ISO 527-1/-2
Flexural Modulus	0.850 GPa	123 ksi	DAM; ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	215 °C	419 °F	DAM; 10°C/min; ISO 11357-1/-3
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	
	Europe	
	Global	
	Near East/Africa	

Descriptive Properties	Value	Comments
	North America	
	South and Central America	
Resin Identification	PA612-HIP	
	PA612-HIP	ISO 1043
Special Characteristics	Heat stabilised or stable to heat	

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