

Zytel® LC6601 NC010

NYLON RESIN
DuPont Performance Polymers

Message:
Plasticized, Toughened Polyamide 612 Developed for Extrusion

General Information			
Uses	Film		
	Profiles		
	Sheet		
Forms	Pellets		
Processing Method	Extrusion		
	Film Extrusion		
	Profile Extrusion		
	Sheet Extrusion		
Part Marking Code (ISO 11469)	>PA612-HIP<		
Resin ID (ISO 1043)	PA612-HIP		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	800	MPa	ISO 527-2
Tensile Stress (Yield)	28.0	MPa	ISO 527-2
Tensile Strain (Yield)	30	%	ISO 527-2
Nominal Tensile Strain at Break	> 50	%	ISO 527-2
Flexural Modulus	800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	70	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	120	°C	ISO 75-2/B
1.8 MPa, Unannealed	45.0	°C	ISO 75-2/A
Melting Temperature ¹	215	°C	ISO 11357-3
NOTE			
1.	10°C/min		

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