

Zytel® LC6601 BK551

NYLON RESIN

DuPont Performance Polymers

Message:

Plasticized, Toughened Polyamide 612 Developed for Extrusion

General Information			
Additive	Heat Stabilizer		
Features	Heat Stabilized		
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 Stress (Yield)	32.0	MPa	ISO 527-2
Tensile Strain (Yield)	32	%	ISO 527-2
Nominal Tensile Strain at Break	> 50	%	ISO 527-2
Flexural Modulus	850	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (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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