

Zytel® FGFE5171 NC010C

NYLON RESIN
DuPont Performance Polymers

Message:
33% Glass Reinforced Polyamide 66 with Developed for Food Contact Applications

General Information			
UL YellowCard	E41938-100907546		
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PA66-GF33<		
Resin ID (ISO 1043)	PA66-GF33		
Physical	Nominal Value	Unit	Test Method
Density	1.39	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10500	MPa	ISO 527-2
Tensile Stress (Break)	200	MPa	ISO 527-2
Tensile Strain (Break)	3.5	%	ISO 527-2
Flexural Modulus	9300	MPa	ISO 178
Flexural Stress	290	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	252	°C	ISO 75-2/A
Melting Temperature ¹	263	°C	ISO 11357-3
NOTE			
1.	10°C/min		

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