

Product Texts

Zytel® RS FG30G50L BK595 is a 50% Glass Reinforced, Renewably Sourced, Lubricated, Polyamide 610 containing a minimum of 28% renewably sourced ingredients by weight, developed for consideration into applications for the food industry.

FOOD CONTACT

This product is manufactured according to Good Manufacturing Practice (GMP) principles and generally accepted in food contact applications in Europe and the USA when meeting applicable use conditions. For details, individual compliance statements are available from our representative.

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	15000 / 11500	MPa	ISO 527
^[C] Stress at break	205 / 180	MPa	ISO 527
^[C] Strain at break	3.5 / 4	%	ISO 527
^[C] Charpy impact strength, +23°C	80 / 70	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	14 / 15	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	223 / *	°C	ISO 11357-1/-3
^[C] Glass transition temperature, 10°C/min	60 / *	°C	ISO 11357-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1530 / -	kg/m ³	ISO 1183
Biobased content	28	%	-

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black

Additives

Lubricants

Certifications

Contains renewable resources, Food contact

Regional Availability

North America, Europe, Asia Pacific, South and Central America