

Product Texts

Zytel® FN718 BK230A is a flexible polyamide 66 resin.

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	900 / 440	MPa	ISO 527
^[C] Stress at 50% strain	33 / 21	MPa	ISO 527
^[C] Strain at break	>50 / >50	%	ISO 527
^[C] Charpy notched impact strength, +23°C	105 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	263 / *	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	50 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	68 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Humidity absorption	1.4 / *	%	Sim. to ISO 62
^[C] Density	1040 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding, Profile Extrusion

Delivery form

Pellets, Black

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa