DURANEX® LT530FR

PBT-GF30 Polyplastics

Product Texts

Heat shock resistance.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	**100**	MPa	ISO 527
Strain at break	**2.6**	%	ISO 527
Flexural modulus, 23°C	**8500**	MPa	ISO 178
Flexural strength	**155**	MPa	ISO 178
Charpy notched impact strength, +23°C	**10**	kJ/m²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	**205**	°C	ISO 75-1/-2
Burning behav. at thickness h	**V-0**	class	IEC 60695-11-10
Yellow Card available	**yes**	-	-

Other properties	Value	Unit	Test Standard
Density	**1630**	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**120**	°C	-
Pre-drying - Time	**5**	h	-
Melt temperature	**240 - 260**	°C	-
Mold temperature	**65**	°C	-
Injection speed	**17**	mm/s	-
Holding pressure	**65**	MPa	-

Characteristics

Processing

Injection Molding

Additives

Flame retarding agent

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Chemical Resistance

Hydrolytically Stable

Applications

Automotive, Electrical and Electronical

Regional Availability

Asia Pacific