

**Technical Datasheet 1100-211X****Product Description**

PBT grade 1100-211X is a medium viscosity general purpose injection grade PBT featuring good .toughness and rigidity

**Applications**

.Auto Parts, Electrical and Electronic Devices, Home Appliances, Safety devices

**Typical data**

PROPERTY	TEST METHOD	UNIT	VALUE
Specific Gravity	ASTM D792	g/cm <sup>3</sup>	۱.۳۱
Molding Shrinkage-Flow	ASTM D 955	%	۱.۶
Water Absorption (Equilibrium, 23 °C, (60% RH	ASTM D 570	%	۰.۲
Tensile Strength at (Yield (23 °C	ASTM D 638	MPa	۵۵
Flexural Modulus	ASTM D 638	MPa	۲۴۵۰
Notched Izod Impact ((23 °C	ASTM D 256	J/m	۶۰
Deflection Temperature Under Load	ASTM D 648	°C	۶۰ ۱۵۵
MPa, ۱.۸) (Unannealed			
MPa, ۰.۴۵) (Unannealed			
Melting Temperature	--	°C	۲۲۵
Volume Resistivity	--/1A	Ohm.cm	E+15 <sup>۱</sup>
Surface Resistivity	--/1A	ohm	1E+13
Flame Rating	UL94	--	HB

\*Typical values not to be construed as specifications