

## 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>	1.31
Molding Shrinkage-Flow	ASTM D 955	%	1.6
Water Absorption (Equilibrium, 23 °C, (60% RH	ASTM D 570	%	0.2
Tensile Strength at (Yield (23 °C	ASTM D 638	MPa	55
Flexural Modulus	ASTM D 638	MPa	2450
Notched Izod Impact ((23 °C	ASTM D 256	J/m	60
Deflection Temperature Under Load	ASTM D 648	°C	60 155
MPa, 1.8) (Unannealed			
MPa, 0.45) (Unannealed			
Melting Temperature	--	°C	225
Volume Resistivity	--/1A	Ohm.cm	E+15\
Surface Resistivity	--/1A	ohm	1E+13
Flame Rating	UL94	--	HB

\*Typical values not to be construed as specifications