

## EDGE TEK PC Resin

## Product Information

### L1 AFM00 A0 B151

**Production Description : Unfilled PC resin for injection molding.**

*Description (ISO 1043):* \* PC  
*Applications:* \* General Applications  
 \* Industrial Applications  
 \* Electrical /Electronical Applications  
 \* Household Appliances  
 \* Automotive Applications  
*Appearance:* \* White Color  
*Forms:* \* Pellets

*Processing Method:* \* Injection Molding  
*Features:* \* Flow, Medium  
 \* Strength, Good  
 \* Stiffness, Good  
 \* Impact Strength, High  
 \* Processability, Good

Property	Test Method	Units	Value (DAM)
<b>Physical</b>			
Density	ISO 1183	g/cm <sup>3</sup>	1,20
Ash Content	ISO 3451	%	-
Mold Shrinkage (Parallel)	-	%	0,50
(Perpendicular)		%	0,70
<b>Mechanical</b>			
Tensile Strength	ISO 527	MPa	60
Elongation at Break	ISO 527	%	-
Tensile Modulus	ISO 527	MPa	2200
Izod Impact Strength (Notched)	ISO 180/1A	kJ/m <sup>2</sup>	15,00
<b>Thermal</b>			
Glass Temperature	-	°C	140-150
HDT (1,80 MPa)	ISO 75A	°C	-
(0,45 MPa)	ISO 75B		-
<b>Electrical</b>			
Flammability (1,6mm)	UL 94	-	V2
Glow Wire Flammability Index (GWFI) (2,0mm)	IEC 695-2-12	°C	-
Comparative Tracking Index	IEC 112/A	V	-
<b>Processing Information</b>			
Drying Temperature	-	°C	80
Drying Time	-	hour	2
Processing Temperature	-	°C	270-290
Mold Temperature	-	°C	80

*Mechanical properties measured at 23°C (73°F) unless otherwise stated.*

The above values are typical of samples molded and tested in laboratory conditions. The actual values may vary depending on the processing conditions and end use.