

# TEKLAMID

## Polyamide Resin

## Product Information

### TEKLAMID A8 G1130 A0 S00

**Production Description : 30% glass fiber reinforced PA 6.6 resin for injection molding.**

*Description (ISO 1043):* \* PA66-GF30  
*Applications:* \* Automotive Applications  
 \* Household Goods  
 \* General Applications  
 \* Industrial Applications  
 \* Consumer Applications  
*Appearance:* \* Black Color  
*Forms:* \* Pellets

*Processing Method :* \* Injection Molding  
*Features:* \* Impact, High  
 \* Stiffness, Good  
 \* Hardness, Good  
 \* Strength, Good  
 \* Viscosity, Medium

Property	Test Method	Units	Value (DAM)
<b>Physical</b>			
Density	ISO 1183	g/cm <sup>3</sup>	1,36
Ash Content	ISO 3451	%	30±2
Mold Shrinkage (Parallel)	-	%	0,3
(Perpendicular)	-	%	1,1
<b>Mechanical</b>			
Tensile Strength	ISO 527	MPa	115
Elongation at Break	ISO 527	%	2,00
Tensile Modulus	ISO 527	MPa	8250
Izod Impact Strength (Notched)	ISO 180/1A	kJ/m <sup>2</sup>	9,00
<b>Thermal</b>			
Melting Range	-	°C	220-225
HDT (1,80 MPa)	ISO 75A	°C	250
(0,45 MPa)	ISO 75B		255
Vicat Softening Temperature	ISO 306	°C	255
<b>Electrical</b>			
Flammability (1,6mm)	UL 94	-	HB
Glow Wire Test (2,0mm)	IEC 695-2-1	°C	-
<b>Processing Information</b>			
Drying Temperature	-	°C	80
Drying Time	-	hour	2
Processing Temperature	-	°C	275-300
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.