

**Product Description**

Heat Stabilized, UV Resistant, Hydrolysis Resistant, Polyamide 6.6

**General Considerations**

Resin ID (ISO 1043)	· >PA6.6 GF30<	
Additive	· UV Resistant	· Heat Stabilizer
Processing	· Injection Molding	
Color	· Yellow	

- The information below is for informational purposes only and should not be adopted as specification limits.

Physical	Value	Unit	Method
Ash content	28 to 32	%	ASTM D 2584
Density	1,34 to 1,38	g/cm <sup>3</sup>	ASTM D 792
Humidity Absorption		%	ASTM D 570
Saturation, Immersion	6		
Equilibrium 50% RH	1,9		

Mechanical	Value	Unit	Method
Stress at break	143	MPa	ASTM D 638
Tensile Strength	200	MPa	ASTM D 638
Elongation at Break	3,2	%	ASTM D 638
Flexural Modulus	12200	MPa	ASTM D 790
Tensile Modulus	8600	MPa	ASTM D 790
Unnotched Izod Impact		KJ/m <sup>2</sup>	ASTM D 256
23°C	55		
-30°C	47		

Thermal	Value	Unit	Method
Melting Point	250 to 265	°C	ASTM D 2117
Deflection Temperature		°C	ASTM D 648
0,45 MPa	260		
1,80 MPa	250		

Process	Value	Unit	Method
Molding Process Temperature	270 to 285	°C	--
Mold Temperature	80 to 90	°C	--
Stuffing Static (Tray)	90/4	°C/Hours	--

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