

Product Description

30% Glass Fiber, ABS

General Considerations

Resin ID (ISO 1043)	· >ABS-GF30<
Processing	· Injection Molding
Color	· Black

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

Physical	Value	Unit	Method
Density / Specific Gravity	1,27	g/cm ³	ASTM D 792
Mold Shrinkage	0,1 to 0,2	%	ASTM D 955
Water Absorption	0,15	%	ASTM D 570

Mechanical	Value	Unit	Method
Tensile Strength	93	MPa	ASTM D 638
Elongation at Break	1	%	ASTM D 638
Flexural Strength	128	MPa	ASTM D 790
Flexural Modulus	6890	MPa	ASTM D 790
Izod Notched Impact Strength		J/m	ASTM D 256
23°C	53		
Izod Unnotched Impact Strength		J/m	ASTM D 256
23°C	240		
Hardness, Rockwell R	110	Scale R	ASTM D785

Thermal	Value	Unit	Method
Deflection Temperature		°C	ASTM D 648
0,45 Mpa	110		
1,82 MPa	104		
Flammability	HB	--	UL 94

Process		Unit	Method
Molding Process Temperature	215 to 240	°C	--
Mold Temperature	60 to 90	°C	--
Drying	70 to 90/3 to 5	°C/Hours	--

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