

Product Description

High Impact, ABS

General Considerations

Resin ID (ISO 1043)	· ABS	
Processing	· Injection Molding	· Extrusion
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	1,05	g/cm ³	ASTM D 792/A
Melt Flow Rate (220°C/10kg)	18 to 23	g/10min	ASTM D 1238/A

Mechanical	Value	Unit	Method
Tensile Strength	45	MPa	ASTM D 638
Flexural Strength	75	MPa	ASTM D 790
Flexural Modulus	2450	MPa	ASTM D 790
Izod Notched Impact Strength 23°C	300	J/m	ASTM D 256

Thermal	Value	Unit	Method
Heat Deflection Temperature 1,80 Mpa	90	°C	ASTM D 648
Vicat Softening Temperature	100	°C	ASTM D 1525

Flammability	Value	Unit	Method
Flammability (3,2mm)	HB	--	UL-94

Process	Value	Unit	Method
Molding Process Temperature	190 to 230	°C	--
Mold Temperature	50 to 70	°C	--
Drying	85 / 3	°C/Hours	--

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