

Product Description

Heat Stabilized, 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 Mass-Flow Rate - 220°C; 10kg	7 - 12	g/10min	ASTM D 1238

Mechanical	Value	Unit	Method
Yield Stress	170	MPa	ASTM D638
Yield Strain	10	%	ASTM D638
Flexural Strength	83	MPa	ISO 178
Flexural Modulus	2620	MPa	ISO 178
Charpy Notched Impact Strength 23°C	22	kJ/m ²	ISO 179-1eA
Charpy Impact Strength 23°C	No fracture	kJ/m ²	ISO 179-1 1eU

Thermal	Value	Unit	Method
Heat Delection Temperature 1,8 MPa	94	°C	ASTM D648
Vicat Softening Temperature	103	°C	ISO 306 B50

Process	Value	Unit	Method
Molding Process Temperature	190 to 230	°C	--
Mold Temperature	50 to 80	°C	--
Drying	80/4	°C/Hours	--

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