

Product Description

High Flow, ABS

General Considerations

Resin ID (ISO 1043)	· ABS	
Additive	· High Flow	
Processing	· Injection Molding	· Extrusion
Color	· Transparent	

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

Physical	Value	Unit	Method
Density / Specific Gravity	1,09	g/cm ³	ASTM D 792/A
Melt Flow Rate (220°C/10kg)	25	g/10min	ASTM D 1238/A

Mechanical	Value	Unit	Method
Tensile Strength	47	MPa	ASTM D 638
Flexural Strength	20	MPa	ASTM D 790
Flexural Modulus	2150	MPa	ASTM D 790
Izod Notched Impact Strength 23°C	105	J/m	ASTM D 256
Charpy Notched Impact Strength 23°C	9	kJ/m ²	ISO 179 / 1eA
Rockwell Hardness	115	R-scale	ASTM D 785

Thermal	Value	Unit	Method
Heat Deflection Temperature 1,80 Mpa, Annealed	82	°C	ASTM D 648

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

Optical Properties	Value	Unit	Method
Light Transmission	87	%	ASTM D 1003
Haze	2,2	%	ASTM D 1003

Process		Unit	Method
Molding Process Temperature	210 to 230	°C	--
Mold Temperature	50 to 70	°C	--
Drying	80/3	°C/Hours	--

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