

**Product Description**

Low Flow, ABS

**General Considerations**

Resin ID (ISO 1043)	· ABS	
Additive	· Low Flow	
Processing	· Injection Molding	· Extrusion
Color	· Natural	

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

Physical	Value	Unit	Method
Density / Specific Gravity	1,04	g/cm <sup>3</sup>	ASTM D 792/A
Melt Flow Rate (220°C/10kg)	3 - 5	g/10min	ASTM D 1238/A
Mold Shrinkage	0,4 to 0,6	%	ASTM D 955

Mechanical	Value	Unit	Method
Tensile Strength	45	MPa	ASTM D 638
Elongation at Break	> 50	%	ASTM D 638
Flexural Strength	59	MPa	ASTM D 790
Flexural Modulus	2060	MPa	ASTM D 790
Izod Notched Impact Strength 23°C	382	J/m	ASTM D 256

Thermal	Value	Unit	Method
Heat Deflection Temperature 1,80 MPa	86	°C	ASTM D 648
0,45 MPa	93		
Vicat Softening Temperature	103	°C	ASTM D 1525

Flammability	Value	Unit	Method
Flammability	1,5	mm	UL-94
Glow Wire (2,0mm)	700	°C	IEC 60695-2-12

Process		Unit	Method
Molding Process Temperature	200 to 240	°C	--
Mold Temperature	60 to 80	°C	--
Drying	80/4	°C/Hours	--

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