

**Product Description**

High Flow, UV Stabilized, ABS

**General Considerations**

Resin ID (ISO 1043)	· ABS
Additive	· UV stabilized
Processing	· Injection Molding
Color	· Grey

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

Physical	Value	Unit	Method
Density / Specific Gravity	1,06	g/cm <sup>3</sup>	ASTM D 792/A
Melt Flow Rate (220°C/10kg)	17	g/10min	ASTM D 1238/A
Mold Shrinkage	0,5 to 0,8	%	ASTM D 955

Mechanical	Value	Unit	Method
Tensile Strength	45	MPa	ASTM D 638
Stress at Break	40	MPa	ASTM D 638
Enlogation at Break	7	%	ASTM D 638
Flexural Strength	80	MPa	ASTM D 790
Flexural Modulus	2100	MPa	ASTM D 790
Izod Notched Impact Strength		J/m	ASTM D 256
23°C	200		
Izod Unnotched Impact Strength		J/m	ASTM D 256
23°C	820		
Hardness, Rockwell R	105	R-Scale	ASTM D 785

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