

Product Description

UV Stabilized, Flame Retardant, ABS

General Considerations

Resin ID (ISO 1043)	• ABS
Processing	• Injection Molding
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	1,14	g/cm ³	ASTM D 792/A
Melt Flow Rate (220°C/10kg)	> 60	g/10min	ASTM D 955
Mold Shrinkage	0,4 to 0,8	%	ASTM D 1238

Mechanical	Value	Unit	Method
Tensile Strength	40	MPa	ASTM D 638
Flexural Strength	68	%	ASTM D 790
Flexural Modulus	2600	MPa	ASTM D 790
Izod Notched Impact Strength 23°C	>100	J/m	ASTM D 256
Hardness, Rockwell R	100	R-Scale	ASTM D785

Thermal	Value	Unit	Method
Heat Deflection Temperature 1,80 MPa	81	°C	ASTM D 648
Vicat Softening Temperature	105	°C	ASTM D1525

Flammability	Value	Unit	Method
Flammability (1,5mm)	V-0	--	UL-94

Process		Unit	Method
Molding Process Temperature	195 to 230	°C	--
Mold Temperature	50 to 70	°C	--
Drying	85 / 3	°C/Hours	--

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