

**Product Description**

UV Resistant, ABS

**General Considerations**

Resin ID (ISO 1043)	· ABS	
Additive	· UV Resistant	
Processing	· Injection Molding	· Extrusion
Color	· Blue	

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

Physical	Value	Unit	Method
Density / Specific Gravity	1,03 to 1,05	g/cm <sup>3</sup>	ASTM D 792
Melt Mass-Flow Rate (220°C; 10kg)	20 to 30	g/10min	ASTM D 1238
Molding Shrinkage	< 0,4	%	ASTM D955
Water Absorption (24h)	< 0,3	%	ASTM D570

Hardness	Value	Unit	Method
Rockwell Hardness (R-Scale, 23°C)	115	-	ASTM D785

Mechanical	Value	Unit	Method
Tensile Strength	42	MPa	ASTM D638
Tensile Strength at Break	35	MPa	ASTM D638
Tensile Elongation at Break	30	%	ASTM D638
Flexural Modulus	2550	MPa	ASTM D790
Flexural Strength		MPa	ASTM D790
23°C	73		
Izod Impact Strength		J/m	ASTM D256
23°C	180		

Thermal	Value	Unit	Method
Deflection Temperature	83	°C	ASTM D638
Flammability	HB	-	UL 94

Process		Unit	Method
Molding Process Temperature	170 to 180	°C	--
Mold Temperature	40 to 70	°C	--
Drying	80/3	°C/Hours	--

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