



Material Datasheet 2

Trade Name : Zincoloy ABSPC2888R

Material : Acrylonitrile Butadiene Styrene (ABS) + Polycarbonate

Color Code : All colors

Color : All colors



Properties	Test Method	Test Condition	Unit	Typical Value
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Physical

Specific Gravity	ASTM D792	23°C	g/cm ³	1.15 - 1.20
Mold Shrinkage	ASTM D995	3.2mm	%	0.3 - 0.6
Water Absorption	ASTM D570	23°C	%	0

Rheological

Melt Flow Index	ASTM D1238	220°C - 5kg	g/10min	18 - 22
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Mechanical

Tensile Strength	ASTM D638	23°C	MPa	55 - 58
Flexural Modulus	ASTM D790B	23°C	MPa	2200 - 2400
Izod Impact	ASTM D256	V-notched, 1/8"	kg.cm/cm	30 - 32
Izod Impact (-30°C)	ASTM D256	V-notched, 1/8"	kg.cm/cm	14 - 16

Thermal

Heat Distortion Temp.	ASTM D648	Unannealed	°C	95 - 97
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Recommended Injection Molding Parameters

Barrel Temperature	Value	Mold Temperature	Value
Zone 1	230 - 260°C	Fixed Half	60 - 90°C
Zone 2	240 - 270°C	Moving Half	60 - 90°C
Zone 3	240 - 270°C	Drying Hour	3 - 4
Zone 4	220 - 270°C	Drying Temperature	90 - 110°C
Nozzle	220 - 260°C	Melt Temperature	220 - 280°C

The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere. For further information, please contact or fax to Zinco Colours Technical Services Department.



ABS/PC Source

Our ABS/PC sources are mainly from industrial waste in local and Japan, which are cleaner, more reliable and consistent.

Some rejected product samples of E & E and automotive products were collected directly from the factory.

Raw Materials



E&E Products





Raw Materials



Automotive Parts





Finished Products

BOSCH - Laser Distance Meter

