

# SR101

## Acrylonitrile Butadiene Styrene (ABS)

**Description:** SR101 is an extrusion grade of ABS resin for extrusion that easy to processing. It is suitable for extrusion sheet such as door liner, car accessories, luggage case, picnic cooler, snow boat and etc.

Typical Properties:	Test method	Unit	Value
<b>Melt Flow Index (10 kg/220°C)</b>	ASTM D1238	g/10min	7
<b>Izod Notched Impact (1/4", 23°C)</b>	ASTM D256	kg-cm/cm	30
<b>Tensile Strength at Yield (23°C)</b>	ASTM D638	kg/cm <sup>2</sup>	440
<b>Flexural Strength at Yield (23°C)</b>	ASTM D790	kg/cm <sup>2</sup>	605
<b>Flexural Modulus (23°C)</b>	ASTM D790	×10 <sup>4</sup> kg/cm <sup>2</sup>	2.05
<b>Rockwell Hardness (1/4", 23°C)</b>	ASTM D785	R-Scale	105
<b>Heat Distortion Temperature (1/4", 18.6 kg/cm<sup>2</sup>)</b>	ASTM D648	°C	85
<b>Flammability</b>	UL-94	-	HB (1.5)

### Processing Technique

Drying Temperature : 80-85°C, 2-4 hrs, Processing Temperature : 190-240°C

**\*\*However, the actual processing conditions depend on mold design, power of machine, screw configurations and other environments.\*\***

**Remark:** The values presented on the above are typical laboratory average, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitable of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.