

## ASA                      ASA XC190 BM

Extrusion, Super High Impact, UV stabilized

**Description**                      Extrusion, Super high impact, Weatherability  
**Application**                      Pipe, Sheet, Fence, Siding, Roof

Physical	Test Method	Value
Density	ASTM D792	1.07 g/cm <sup>3</sup>
Melt Flow Index (220°C, 10kg)	ASTM D1238	7.5 g/10min
Mold Shrinkage	ASTM D955	0.4 ~ 0.7 %
Water absorption	ASTM D570	%

Mechanical	Test Method	Value
Tensile Strength	ASTM D638	470 kg/cm <sup>2</sup>
Tensile Strain	ASTM D638	30 %
Flexural Strength	ASTM D790	590 kg/cm <sup>2</sup>
Flexural Modulus	ASTM D790	19,000 kg/cm <sup>2</sup>
Izod Impact Strength(3.2mm)	ASTM D256	52 kgcm/cm
Rockwell Hardness(R scale)	ASTM D785	102

Thermal	Test Method	Value
Heat Deflection Temperature(18.6kgf/cm <sup>2</sup> )	ASTM D648	85 °C
Vicat Softening Temperature	ASTM D1525	97 °C

Flammability	Test Method	Value
Flame Rating - UL (1.6mm)	UL 94	HB

### Notes

These are just typical properties, not specifications. Users should confirm results by their own test.