

## SV0157

SV0157 is one of the styrenic terpolymer(ABS) grade with improved toughness versus HIPS grades. SV0157 exhibits low shrinkage, and good dimensional stability. SV0157 has high melt strength, so is widely used for the production of extruded sheet and some of considerable size and thickness shaped.

### Application

include panels for large appliances and thermoformed items such as hot tubs, recreational vehicle parts and refrigerator liner. Use this information as a guide to aid you in selecting the proper resin for your application.

### Drying

Drying prior to processing is recommended in a desiccant dehumidifying hopper dryer. An inlet air dew point of -20°F (-29°C) or below is recommended to achieve a moisture content 0.1%. Typical drying conditions are 2 hours at 180° - 190°F (82° - 88°C). Drying for 4 hours at 160° - 170°F (71°-77°C) is also adequate.

### Producer

Tabriz Petrochemical Company

Properties	Value	Units	Test Method
MFR ( 200° C/ 5 Kg )	0.5	gr/10min	ASTM D-1238
Izod Impact Strength	31	kgf.cm/cm	ASTM D-256
Vicat Softening Point (5kgf Load)	101	°C	ASTM D-1525
Tensile Strength At Yield	430	kgf/cm <sup>2</sup>	ASTM D-638
Flexural Strength At Yield	620	kgf/cm <sup>2</sup>	ASTM D-790
Flexural Modulus	21000	kgf/cm <sup>2</sup>	ASTM D-790
Rockwell Hardness(At 23°C)	104	R.SCALE	ASTM D-785

\*All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests. For more information about guaranteed items, please refer to S.S.S. (Standard Sales Specifications)