

Fainplast Compounds RI 059/1 Rigid PVC, Injection Molding

Categories: [Polymer](#); [Thermoplastic](#); [Vinyl \(PVC\)](#); [PVC, Molded](#)

Material Notes: Fittings high fluidity

Vendors: No vendors are listed for this material. Please [click here](#) if you are a supplier and would like information on how to add your listing to this material.

Physical Properties	Metric	English	Comments
Density	1.38 - 1.42 g/cc	0.0499 - 0.0513 lb/in ³	ISO R 1184

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	35.0 MPa	5080 psi	ISO R 527
Tensile Strength, Yield	40.0 MPa	5800 psi	ISO R527
Elongation at Break	130 %	130 %	ISO R 527
Izod Impact, Unnotched	0.600 - 1.00 J/cm @Temperature 23.0 °C	1.12 - 1.87 ft-lb/in @Temperature 73.4 °F	ISO R180

Thermal Properties	Metric	English	Comments
Vicat Softening Point	79.0 - 81.0 °C @Load 5.00 kg	174 - 178 °F @Load 11.0 lb	ISO R306

Some of the values displayed above may have been converted from their original units and/or rounded in order to display the information in a consistent format. Users requiring more precise data for scientific or engineering calculations can click on the property value to see the original value as well as raw conversions to equivalent units. We advise that you only use the original value or one of its raw conversions in your calculations to minimize rounding error. We also ask that you refer to MatWeb's [terms of use](#) regarding this information. [Click here](#) to view all the property values for this datasheet as they were originally entered into MatWeb.