

Iran Petrochemical Tabriz 6070 UA HDPE

Categories: [Polymer](#); [Thermoplastic](#); [Polyethylene](#); [HDPE](#); [High Density Polyethylene \(HDPE\)](#), [Injection Molded](#)

Material Notes: Information provided by Iran Petrochemical Commercial Co.

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	0.960 g/cc	0.0347 lb/in ³	ASTM D792
Melt Flow	7.50 g/10 min @Load 2.16 kg, Temperature 190 °C	7.50 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.0 MPa	3770 psi	ASTM D638
Elongation at Break	1100 %	1100 %	ASTM D638
Charpy Impact, Notched	0.800 J/cm ²	3.81 ft-lb/in ²	ASTM D256
Thermal Properties	Metric	English	Comments
Vicat Softening Point	127 °C	261 °F	ASTM D1525

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.