

SABIC® PPcompound G1640A

PP

Saudi Basic Industries Corporation (SABIC)

Product Texts

SABIC® PPcompound G1640A is a low flow PP random copolymer with 40% glass fibers for multi-layer pipe applications. This material has been designed to combine a good performance profile with good processing.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	6000	MPa	ISO 527
Stress at break	70	MPa	ISO 527
Strain at break	3.6	%	ISO 527
Flexural modulus, 23°C	6300	MPa	ISO 178
Izod notched impact strength	10	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	150	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	160	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1220	kg/m ³	ISO 1183

Characteristics**Features**

Copolymer