

SABIC® PPcompound S3615

PP

Saudi Basic Industries Corporation (SABIC)

Product Texts

SABIC® PPcompound S3615 is a 15% short glass fiber reinforced polypropylene copolymer compound for injection moulding applications. The compound is UV stabilized and the glass fibers are chemically coupled to the PP matrix. This compound combines a matt surface, good sound dampening and excellent scratch resistance with soft-touch haptics and is especially designed for aesthetical automotive interior applications. SABIC® PPcompound S3615 is a designated automotive grade. IMDS ID: 678406405

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2300	MPa	ISO 527
Yield stress	35	MPa	ISO 527
Stress at break	35	MPa	ISO 527
Strain at break	5	%	ISO 527
Flexural modulus, 23°C	2100	MPa	ISO 178
Izod notched impact strength	13	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	108	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	990	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Features

Copolymer

Special Characteristics

U.V. stabilized or stable to weather