

SABIC® PPcompound S3620

PP

Saudi Basic Industries Corporation (SABIC)

Product Texts

SABIC® PPcompound S3620 is a 20% 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. The grade is currently available in black and natural, other colors are on request. SABIC® PPcompound S3620 is a designated automotive grade. IMDS ID: 679564115

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	8	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2600	MPa	ISO 527
Stress at break	33	MPa	ISO 527
Strain at break	7	%	ISO 527
Flexural modulus, 23°C	2500	MPa	ISO 178

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	110	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1040	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Features

Copolymer

Special Characteristics

U.V. stabilized or stable to weather