+135-3858-6433 (GuangDong)
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

SABIC® PPCOMPOUND 37T1030

PP COMPOUND MINERAL FILLED IMPACT MODIFIED

DESCRIPTION

SABIC® PPcompound 37T1030 is a high flow copolymer with 30% talc, offering an excellent balance between stiffness and impact resistance. It has been specially developed for automotive interior parts such as column cladding and door panels.

SABIC® PPcompound 37T1030 is a designated automotive grade.

IMDS ID: 440839684

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt flow rate (MFR)			
at 230 °C and 2.16 kg	13	dg/min	ISO 1133
Density (1)	1150	kg/m³	ISO 1183
Filler content	30	%	SABIC method
Mould shrinkage (2)			
24 hours after injection moulding	0.85	%	SABIC method
MECHANICAL PROPERTIES (1)			
Tensile test			
Tensile modulus	2650	MPa	ISO 527/1A
stress at yield	23	MPa	ISO 527/1A
stress at break	18	MPa	ISO 527/1A
strain at break	15	%	ISO 527/1A
Flexural test			
Flexural modulus	2800	MPa	ISO 178/1A
Izod impact notched (3)			
at 23 °C	4.5	kJ/m²	ISO 180/1A
at 0 °C	3.0	kJ/m²	ISO 180/1A
at -20 °C	2.5	kJ/m²	ISO 180/1A
THERMAL PROPERTIES (1)			
Heat deflection temperature			
at 1.80 MPa (HDT/A)	130	°C	ISO 75
at 0.45 MPa (HDT/B)	115	°C	ISO 75
Coeff. of linear thermal expansion			
-30 °C to 100 °C	85	µm/mK	ISO 11359-2

(1) Injection molded sample ISO527-1A
(2) Injection molded plaque 65x65x3.2mm
(3) N.B.: No Break