ULTEM™ RESIN JD7201

REGION ASIA

DESCRIPTION

ULTEM™ JD7201 Compound

TYPICAL PROPERTY VALUES

Revision 20191023

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield	204	MPa	SABIC - Japan Method
Tensile Strain, break	6	%	SABIC - Japan Method
Flexural Stress	255	MPa	ASTM D 790
Flexural Modulus	13430	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	69	J/m	ASTM D 256
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	211	°C	ASTM D 648
Relative Temp Index, Elec (1)	105	°C	UL 746B
Relative Temp Index, Mech w/impact (1)	105	°C	UL 746B
Relative Temp Index, Mech w/o impact (1)	105	°C	UL 746B
PHYSICAL			
Specific Gravity	1.34	-	ASTM D 792
Water Absorption, 24 hours	0.26	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm	0.2 – 0.3	%	SABIC method
ELECTRICAL			
Surface Resistivity	1.E+02 – 1.E+04	Ohm	ASTM D 257
FLAME CHARACTERISTICS (1)			
UL Yellow Card Link	E45587-236989	-	-
UL Recognized, 94V-0 Flame Class Rating	≥0.75	mm	UL 94

(1) UL Ratings shown on the technical datasheet might not cover the full range of thicknesses and colors. For details, please see the UL Yellow Card.

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