

# NORYL GTX™ RESIN APS430

REGION ASIA

## DESCRIPTION

PPE + PPS GF 30%, FR V-0

## TYPICAL PROPERTY VALUES

Revision 20180905

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>MECHANICAL</b>			
Tensile Stress, yield	122	MPa	SABIC - Japan Method
Tensile Strain, break	10 – 10	%	SABIC - Japan Method
Flexural Stress	166	MPa	ASTM D 790
Flexural Modulus	8620	MPa	ASTM D 790
<b>IMPACT</b>			
Izod Impact, notched, 23°C	78	J/m	ASTM D 256
<b>THERMAL</b>			
HDT, 1.82 MPa, 6.4 mm, unannealed	255	°C	ASTM D 648
CTE, -30°C to 30°C	0.000018 – 0.000058	1/°C	TMA
<b>PHYSICAL</b>			
Specific Gravity	1.48	-	ASTM D 792
Water Absorption, 24 hours	0.02	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm	0.3 – 0.7	%	SABIC method
Melt Flow Rate, 300°C/5.0 kgf	43.6	g/10 min	ASTM D 1238
<b>ELECTRICAL</b>			
Surface Resistivity	1.E+16	Ohm	ASTM D 257
Relative Permittivity, 50/60 Hz	3.3	-	ASTM D 150
<b>FLAME CHARACTERISTICS</b>			
UL Recognized, 94V-0 Flame Class Rating	0.8	mm	UL 94

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