



NORYL GTX™ Resin APS430
Asia Pacific: COMMERCIAL

PPE + PPS GF 30%, FR V-0

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yield	1250	kgf/cm ²	SABIC - Japan Method
Tensile Strain, break	10 - 10	%	SABIC - Japan Method
Flexural Stress	1690	kgf/cm ²	ASTM D 790
Flexural Modulus	87800	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	7	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 6.4 mm, unannealed	255	°C	ASTM D 648
CTE, -30°C to 30°C	1.8E-05 - 5.8E-05	1/°C	TMA
PHYSICAL			
Specific Gravity	1.48	-	ASTM D 792
Water Absorption, 24 hours	0.02	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm (5)	0.3 - 0.7	%	SABIC Method
Melt Flow Rate, 300°C/5.0 kgf	43.6	g/10 min	ASTM D 1238
ELECTRICAL			
Surface Resistivity	1.E+16	Ohm	ASTM D 257
Relative Permittivity, 50/60 Hz	3.3	-	ASTM D 150
FLAME CHARACTERISTICS			
UL Recognized, 94V-0 Flame Class Rating (3)	0.8	mm	UL 94