



NORYL™ Resin GTX870
Asia Pacific: COMMERCIAL

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yield	1200	kgf/cm ²	SABIC - Japan Method
Tensile Stress, yld, Type I, 5 mm/min	1240	kgf/cm ²	ASTM D 638
Tensile Strain, break	12	%	SABIC - Japan Method
Tensile Strain, brk, Type I, 5 mm/min	5	%	ASTM D 638
Flexural Stress	1690	kgf/cm ²	ASTM D 790
Flexural Modulus	57900	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	11	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 6.4 mm, unannealed	200	°C	ASTM D 648
CTE, -30°C to 30°C	4.E-05 - 6.E-05	1/°C	TMA
PHYSICAL			
Specific Gravity	1.24	-	ASTM D 792
Water Absorption, 24 hours	0.5	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm (5)	0.4 - 0.8	%	SABIC Method