



LEXAN™ Resin LCG2007
Asia Pacific: COMMERCIAL

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yield	1350	kgf/cm ²	SABIC - Japan Method
Tensile Strain, break	5 - 7	%	SABIC - Japan Method
Flexural Stress	2210	kgf/cm ²	ASTM D 790
Flexural Modulus	151900	kgf/cm ²	ASTM D 790
Hardness, Rockwell M	94	-	ASTM D 785
IMPACT			
Izod Impact, notched, 23°C	10	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	138	°C	ASTM D 648
CTE, -30°C to 30°C	2.E-05 - 4.5E-05	1/°C	TMA
PHYSICAL			
Specific Gravity	1.33	-	ASTM D 792
Water Absorption, 24 hours	0.12	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm (5)	0.15 - 0.25	%	SABIC Method
ELECTRICAL			
Surface Resistivity	1.E+02 - 1.E+05	Ohm	ASTM D 257