



LEXAN™ Resin LGK4010
Asia Pacific: COMMERCIAL

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yield	1000	kgf/cm ²	SABIC - Japan Method
Tensile Strain, break	3 - 5	%	SABIC - Japan Method
Flexural Stress	1590	kgf/cm ²	ASTM D 790
Flexural Modulus	69900	kgf/cm ²	ASTM D 790
Hardness, Rockwell M	91	-	ASTM D 785
IMPACT			
Izod Impact, notched, 23°C	7	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	147	°C	ASTM D 648
CTE, -30°C to 30°C	3.E-05 - 5.3E-05	1/°C	TMA
PHYSICAL			
Specific Gravity	1.53	-	ASTM D 792
Water Absorption, 24 hours	0.14	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm (5)	0.2 - 0.25	%	SABIC Method