



LNP™ LUBRICOMP™ Compound Lexan_LF1010

Asia Pacific: COMMERCIAL

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yield	800	kgf/cm ²	SABIC - Japan Method
Tensile Strain, break	10 - 20	%	SABIC - Japan Method
Flexural Stress	1110	kgf/cm ²	ASTM D 790
Flexural Modulus	35900	kgf/cm ²	ASTM D 790
Hardness, Rockwell R	124	-	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	147	°C	ASTM D 648
CTE, -30°C to 30°C	4.E-05 - 5.6E-05	1/°C	TMA
PHYSICAL			
Specific Gravity	1.34	-	ASTM D 792
Water Absorption, 24 hours	0.12	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm (5)	0.3 - 0.4	%	SABIC Method
ELECTRICAL			
Surface Resistivity	1.E+16	Ohm	ASTM D 257