



LEXAN™ Resin LF1520
Asia Pacific: COMMERCIAL

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yield	112	MPa	SABIC - Japan Method
Tensile Strain, break	4 - 6	%	SABIC - Japan Method
Flexural Stress	127	MPa	ASTM D 790
Flexural Modulus	5880	MPa	ASTM D 790
Hardness, Rockwell R	122	-	ASTM D 785
IMPACT			
Izod Impact, notched, 23°C	147	J/m	ASTM D 256
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	148	°C	ASTM D 648
CTE, -30°C to 30°C	3.E-05 - 5.2E-05	1/°C	TMA
PHYSICAL			
Specific Gravity	1.46	-	ASTM D 792
Water Absorption, 24 hours	0.16	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm (5)	0.2 - 0.3	%	SABIC Method
ELECTRICAL			
Surface Resistivity	1.E+16	Ohm	ASTM D 257