

Lexan* Resin FXD921A

Asia Pacific: DEVELOPMENTAL

TYPICAL PROPERTIES ¹	TYPICAL VALUE	UNIT	STANDARD
MECHANICAL			
Tensile Stress, yield	61	MPa	SABIC - Japan Method
Tensile Strain, break	220	%	SABIC - Japan Method
Flexural Stress	93	MPa	ASTM D 790
Flexural Modulus	2200	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	735	J/m	ASTM D 256
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	130	°C	ASTM D 648
CTE, -30°C to 30°C	7.E-05	1/°C	TMA
PHYSICAL			
Specific Gravity	1.2	-	ASTM D 792
Water Absorption, 24 hours	0.15	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm	0.5 - 0.7	%	SABIC Method
ELECTRICAL			
Surface Resistivity	1.E+16	Ohm	ASTM D 257
Relative Permittivity, 50/60 Hz	3	-	ASTM D 150
FLAME CHARACTERISTICS			
UL Recognized, 94V-2 Flame Class Rating (3)	1.5	mm	UL 94
UL Recognized, 94V-0 Flame Class Rating (3)	3	mm	UL 94