



ULTEM™ Resin JD4901
Asia Pacific: COMMERCIAL

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yield	1270	kgf/cm ²	SABIC - Japan Method
Tensile Strain, break	3 - 3	%	SABIC - Japan Method
Flexural Stress	1930	kgf/cm ²	ASTM D 790
Flexural Modulus	65900	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	7	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	213	°C	ASTM D 648
PHYSICAL			
Specific Gravity	1.48	-	ASTM D 792
Water Absorption, 24 hours	0.18	%	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
FLAME CHARACTERISTICS			
UL Recognized, 94V-0 Flame Class Rating (3)	0.8	mm	UL 94