

CF-ASA Pellet Technical Data Sheet(TDS)

MECHANICAL PROPERTIES		
Property	Method	Value
Elastic Tensile Modulus*	ISO 527-1	7580MPa
Tensile Strength at Break*	ISO 527-1	79MPa
Tensile Elongation at Break*	ISO 527-1	1.8%
Charpy Impact Strength (Notched)*	ISO 179-1eA	2.57ft.lb/In ²
Charpy Impact Strength (Unnotched)*	ISO 179-1eU	8ft.lb/In ²

*Injection Molding

THERMAL PROPERTIES		
Property	Method	Value
Heat Deflection Temperature*	ISO 75, at 66psi	100.5° C
	ISO 75, at 264psi	95° C
VICAT Softening Point*	ISO 306	101.6° C

*Injection Molding

ELECTRICAL PROPERTIES		
Property	Method	Value
Surface	ASTM D257	1e2Ω

OTHER PROPERTIES		
Property	Method	Value
Density	ISO 1183	1.1g/cm ²