

CF-ABS Pellet Technical Data Sheet(TDS)

MECHANICAL PROPERTIES			
Property	Method	Value	
		XY	ZX
Tensile Modulus	ASTM D638	4200MPa	2040MPa
Yield Strength	ASTM D638	41.07MPa	22.06MPa
Breaking Strength	ASTM D638	40.29MPa	18.90MPa
Breaking Elongation Rate	ASTM D638	2.48%	2.47%
Shrink Factor	During Printing	0.4%	0.4%

THERMAL PROPERTIES		
Property	Method	Value
Heat Deflection Temperature	ASTM D648, 0	100° C
Melt Temperature	N/A	225±2° C

OTHER PROPERTIES		
Property	Method	Value
Max Moisture Content for Printing*	Moisture Analyzer	<0.1%

*Max Moisture Content is dependent on print geometry

Updated on May 31, 2026