

Technical Data Sheet

Information

Product name	Cellustic® HCPP with 20% microcellulose
Product description	Cellulose fiber reinforced high crystalline polypropylene composite

Specification

Physical properties	Value	Unit	Method	Condition
Density	0.98	g/cm ³	ASTM D792	
Mechanical properties	Value	Unit	Method	Condition
Tensile strength at yield	35.2	MPa	ASTM D638	
Tensile modulus	1212	MPa	ASTM D638	
Izod impact strength	60.6	J/m	ASTM D256	25°C
Thermal property	Value	Unit	Method	Condition
Melting Temperature	165	°C	ASTM D3418	
Glass transition temperature	-10	°C	ASTM D3418	
Melt Flow Index	3.5	g/10min	ASTM D1238	230°C, 2.16kg