

Technical Data Sheet

Information

Product name	Cellustic® PETG Pellet with 20% microcellulose
Product description	Cellulose fiber reinforced polyethylene Terephthalate Glycol composite

Specification

Physical properties	Value	Unit	Method	Condition
Density	1.2	g/cm ³	ASTM D792	
Mechanical properties	Value	Unit	Method	Condition
Tensile strength at yield	37.8	MPa	ASTM D638	
Tensile modulus	1045	MPa	ASTM D638	
Izod impact strength	30.3	J/m	ASTM D256	25°C
Flexural Strength	50.4	MPa	ASTM D790	
Flexural Modulus	2650	MPa	ASTM D790	
Thermal property	Value	Unit	Method	Condition
Melting Temperature	-	°C	ASTM D3418	
Glass transition temperature	-	°C	ASTM D3418	
Melt Flow Index	-	g/10min	ASTM D1238	230°C, 2.16kg