

TECHNICAL DATA SHEET

BJ5500

Hanwha TotalEnergies

PP

Processing

Injection molding

Features

Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Electrical and electronic

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	12	g/10min	ASTM D 1238
Mechanical Properties	Value	Unit	Standard
Tensile strength at yield	27.5	MPa	ASTM D 638
Elongation at break	200	%	ASTM D 638
Flexural modulus	1275	MPa	ASTM D 790
Rockwell hardness	R 80		ASTM D 785
Izod impact notched, 1/8 in	108	J/m	ASTM D 256
Izod impact notched, Low-Temperature	49	J/m	ASTM D 256
Temperature	-20	°C	
Other Properties	Value	Unit	Standard
Density	910	kg/m ³	ASTM D 792