

TECHNICAL DATA SHEET

BU510

Hanwha TotalEnergies
 PP

Processing

Injection molding

Features

High gloss, Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Packaging

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	10	g/10min	ASTM D 1238
Mechanical Properties	Value	Unit	Standard
Tensile strength at yield	39.24	MPa	ASTM D 638
Elongation at break	200	%	ASTM D 638
Flexural modulus	1815	MPa	ASTM D 790
Rockwell hardness	R 98		ASTM D 785
Izod impact notched, 1/8 in	88.29	J/m	ASTM D 256
Izod impact notched, Low-Temperature	29.43	J/m	ASTM D 256
Temperature	-20	°C	
Thermal Properties	Value	Unit	Standard
UL 94 flame rating	HB		UL 94
Optical Properties	Value	Unit	Standard
Gloss	88		ASTM D 2457
Other Properties	Value	Unit	Standard
Density	910	kg/m ³	ASTM D 792