

TECHNICAL DATA SHEET

BI961

Hanwha TotalEnergies
 PP

Processing

Injection molding

Special Characteristics

High impact or impact modified

Features

High crystallinity, Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Automotive, Electrical and electronical

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	60	g/10min	ASTM D 1238
Mechanical Properties	Value	Unit	Standard
Tensile strength at yield	28.5	MPa	ASTM D 638
Elongation at break	50	%	ASTM D 638
Flexural modulus	1619	MPa	ASTM D 790
Rockwell hardness	R 90		ASTM D 785
Izod impact notched, 1/8 in	58.9	J/m	ASTM D 256
Izod impact notched, Low-Temperature	29.4	J/m	ASTM D 256
Temperature	-20	°C	
Other Properties	Value	Unit	Standard
Density	910	kg/m ³	ASTM D 792