

BU510

PP

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	39.2	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	88.3	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	29.4	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Optical properties			
ASTM Data			
Gloss	88	-	ASTM D 2457
Other properties			
Density	910	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Features

High Gloss, Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Packaging

Regional Availability

Asia Pacific