

BI45W

PP

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	8	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	36.3	MPa	ASTM D 638
Elongation at Break	50	%	ASTM D 638
Flexural Modulus	1766	MPa	ASTM D 790
Rockwell Hardness	R 99	-	ASTM D 785
Izod Impact notched, 1/8 in	88.3	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	135	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	910	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

Asia Pacific