

WH72

PP

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	22	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.012	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	31.4	MPa	ASTM D 638
Tensile Strength at Break	25.5	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	3041	MPa	ASTM D 790
Rockwell Hardness	R 103	-	ASTM D 785
Izod Impact notched, 1/8 in	39.2	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	1040	kg/m ³	ASTM D 792

Characteristics**Processing**

Blow Molding

Applications

Automotive

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

Asia Pacific

Features

High Crystallinity, Thermal Stability