

TH54I

PP

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	6	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.008	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	35.8	MPa	ASTM D 638
Tensile Strength at Break	29.4	MPa	ASTM D 638
Rockwell Hardness	R 102	-	ASTM D 785
Izod Impact notched, 1/8 in	29.4	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	159	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1230	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Applications

Automotive, Electrical and Electronical

Special Characteristics

Anti-static, Light stabilized or stable to light, Heat stabilized or stable to heat

Regional Availability

Asia Pacific

Features

High Crystallinity