

TB53T

PP-X

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	11	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	31.4	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	3728	MPa	ASTM D 790
Rockwell Hardness	R 97	-	ASTM D 785
Izod Impact notched, 1/8 in	43.2	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	27.5	J/m	ASTM D 256
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	141	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1150	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Regional Availability

Asia Pacific

Applications

Automotive