

**TB53L**

PP-X

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	9	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.008	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	28.4	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Flexural Modulus	3335	MPa	ASTM D 790
Rockwell Hardness	R 87	-	ASTM D 785
Izod Impact notched, 1/8 in	44.1	J/m	ASTM D 256
Izod Impact notched, Low-Temperature Temperature	29.4 -30	J/m °C	ASTM D 256 -

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	140	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1140	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Special Characteristics**

Heat stabilized or stable to heat

**Regional Availability**

Asia Pacific

**Applications**

Automotive