

TB52L

PP-X

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	10	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	27.5	MPa	ASTM D 638
Elongation at Break	24	%	ASTM D 638
Flexural Modulus	2649	MPa	ASTM D 790
Rockwell Hardness	R 88	-	ASTM D 785
Izod Impact notched, 1/8 in	63.8	J/m	ASTM D 256
Izod Impact notched, Low-Temperature Temperature	34.3 -30	J/m °C	ASTM D 256 -

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	134	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1050	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Regional Availability

Asia Pacific

Applications

Automotive