

FB50NHC

PP

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	4.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	25.5	MPa	ASTM D 638
Elongation at Break	80	%	ASTM D 638
Flexural Modulus	1442	MPa	ASTM D 790
Rockwell Hardness	R 86	-	ASTM D 785
Izod Impact notched, 1/8 in	186	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	105	°C	ASTM D 648
Other properties			
Density	1000	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Flame retardant, Halogen-free, Heat stabilized or stable to heat

Regional Availability

Asia Pacific