

FB82N

PP

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	45	g/10min	ASTM D 1238
Temperature	230	°C	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	29.4	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	1570	MPa	ASTM D 790
Rockwell Hardness	R 90	-	ASTM D 785
Izod Impact notched, 1/8 in	49	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.8	mm	-
DTUL @ 66 psi	110	°C	ASTM D 648
Other properties			
Density	1040	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Flame retardant, Heat stabilized or stable to heat

Applications

Electrical and Electronical

Features

Thermal Stability

Regional Availability

Asia Pacific