

FH51G

PP

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	8	g/10min	ASTM D 1238
Temperature	230	°C	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	32.9	MPa	ASTM D 638
Elongation at Break	40	%	ASTM D 638
Flexural Modulus	2109	MPa	ASTM D 790
Rockwell Hardness	R 104	-	ASTM D 785
Izod Impact notched, 1/8 in	29.4	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	0.8	mm	-
DTUL @ 66 psi	128	°C	ASTM D 648
Other properties			
Density	970	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Applications

Electrical and Electronical

Special Characteristics

Flame retardant, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Regional Availability

Asia Pacific