

SH52

PP

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	14	g/10min	ASTM D 1238
Temperature	230	°C	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	34.3	MPa	ASTM D 638
Elongation at Break	90	%	ASTM D 638
Flexural Modulus	1913	MPa	ASTM D 790
Rockwell Hardness	R 102	-	ASTM D 785
Izod Impact notched, 1/8 in	34.3	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	122	°C	ASTM D 648
Other properties			
Density	1070	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Features

Thermal Stability

Certifications

Food contact

Applications

Electrical and Electronical, Packaging

Regional Availability

Asia Pacific