

SI83R

PP

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	50	g/10min	ASTM D 1238
Temperature	230	°C	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	36.3	MPa	ASTM D 638
Elongation at Break	50	%	ASTM D 638
Flexural Modulus	2354	MPa	ASTM D 790
Rockwell Hardness	R 105	-	ASTM D 785
Izod Impact notched, 1/8 in	39.2	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	133	°C	ASTM D 648
Other properties			
Density	1100	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Features

High Crystallinity, Low Warpage, Thermal Stability

Certifications

Food contact

Applications

Electrical and Electronical, Packaging

Regional Availability

Asia Pacific