

HS120

PP

Hanwha TotalEnergies Petrochemical co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.5	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	42.2	MPa	ASTM D 638
Elongation at Break	500	%	ASTM D 638
Flexural Modulus	1962	MPa	ASTM D 790
Rockwell Hardness	R 103	-	ASTM D 785
Izod Impact notched, 1/8 in	39.2	J/m	ASTM D 256

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	48	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	910	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Sheet Extrusion

Certifications

Food contact, Food approval FDA 21 CFR

Special Characteristics

Heat stabilized or stable to heat, Transparent

Regional Availability

Asia Pacific

Features

High Crystallinity, Low Gel, Homopolymer