

Evolue® H SP5505

PE

Prime Polymer Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	0.27	g/10min	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	600	MPa	ISO 527
Yield stress	24	MPa	ISO 527
Strain at break	33	%	ISO 527
Flexural modulus, 23°C	950	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Shore D hardness	63	-	ISO 7619-1
ASTM Data			
Shore D Hardness	63	-	ASTM D 2240
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	131	°C	ISO 11357-1/-3
ASTM Data			
Melting Temperature	131	°C	ASTM D 3418
Vicat Temperature	127	°C	ASTM D 1525
Other properties			
Density	951	kg/m ³	ISO 1183

Characteristics**Processing**

Pipe/Tube Extrusion

Regional Availability

North America, Asia Pacific

Special Characteristics

High impact or impact modified