

Evolue® H SP4005

PE

Prime Polymer Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	0.45	g/10min	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	600	MPa	ISO 527
Yield stress	19	MPa	ISO 527
Strain at break	25	%	ISO 527
Flexural modulus, 23°C	750	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Shore D hardness	60	-	ISO 7619-1
ASTM Data			
Shore D Hardness	60	-	ASTM D 2240
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	127	°C	ISO 11357-1/-3
ASTM Data			
Melting Temperature	127	°C	ASTM D 3418
Vicat Temperature	117	°C	ASTM D 1525
Other properties			
Density	940	kg/m ³	ISO 1183

Characteristics**Processing**

Film Extrusion

Regional Availability

North America, Asia Pacific

Special Characteristics

High impact or impact modified