

Hostalen PP H5416K

PP

PolyMirae

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1.3	g/10min	ISO 1133
Temperature	230	°C	-
Load	5	kg	-
ASTM Data			
Melt Flow Index, MFI	0.3	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	800	MPa	ISO 527
Yield stress	24	MPa	ISO 527
Yield strain	10	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
ASTM Data			
Tensile Strength at Yield	26.5	MPa	ASTM D 638
Elongation at Yield	10	%	ASTM D 638
Flexural Modulus	834	MPa	ASTM D 790
Izod Impact notched, 1/8 in	217	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	65	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	83	°C	ASTM D 648
Vicat Temperature	123	°C	ASTM D 1525
Other properties			
Density	900	kg/m ³	ISO 1183
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Pipe/Tube Extrusion, Other Extrusion

Delivery form

Natural Color

Special Characteristics

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

Features

Nucleated, Random Copolymer

Chemical Resistance

General Chemical Resistance

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

Asia Pacific, Near East/Africa