

**WAYMAX™ MFX6**

PP

Japan Polypropylene Corporation

**Product Texts**

WAYMAX™ is HMS-PP based on JPP's metallocene catalyst technology.

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	2.8	g/10min	ISO 1133

**Mechanical properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2050	MPa	ISO 527
Yield stress	41	MPa	ISO 527
Flexural modulus, 23°C	2250	MPa	ISO 178
Flexural strength	60	MPa	ISO 178
Charpy impact strength, +23°C	4	kJ/m <sup>2</sup>	ISO 179/1eU
Rockwell hardness	R 100	-	ISO 2039-2

**Thermal properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	65	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	120	°C	ISO 75-1/-2

**Other properties**

	Value	Unit	Test Standard
Density	900	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Film Extrusion, Thermoforming

**Certifications**

Food contact, Food approval FDA 21 CFR

**Features**

Foamable, Low Gel, Melt Strength

**Regional Availability**

Asia Pacific