

WAYMAX™ EX4000

PP

Japan Polypropylene Corporation

Product Texts

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

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	6	g/10min	ISO 1133

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1650	MPa	ISO 527
Yield stress	34	MPa	ISO 527
Flexural modulus, 23°C	1750	MPa	ISO 178
Flexural strength	48	MPa	ISO 178
Charpy impact strength, +23°C	9	kJ/m ²	ISO 179/1eU
Rockwell hardness	R 100	-	ISO 2039-2

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	60	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	110	°C	ISO 75-1/-2

Other properties

	Value	Unit	Test Standard
Density	900	kg/m ³	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