

YUNGSOX 5003

PP

Formosa Plastics Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	0.25	g/10min	ISO 1133
Molding shrinkage, parallel	1.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	24.5	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	784	MPa	ISO 178
Rockwell hardness	R90	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	142	°C	ISO 11357-1/-3

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Pipe/Tube Extrusion, Blow Molding, Thermoforming

Certifications

Food contact, Food approval FDA 21 CFR

Special Characteristics

High impact or impact modified

Regional Availability

Asia Pacific

Features

Creep Resistance, Copolymer, Random Copolymer