

**YUHWHA POLYPRO RB4502**

PP

Korea Petrochemical Ind. Co., Ltd

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	2	g/10min	ASTM D 1238

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield	27.5	MPa	ASTM D 638
Elongation at Break	450	%	ASTM D 638
Flexural Modulus	883	MPa	ASTM D 790
Rockwell Hardness	R 78	-	ASTM D 785
Izod Impact notched, 1/8 in	392	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melting Temperature	141	°C	ASTM D 3418

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	900	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Blow Molding

**Certifications**

Food contact, Food approval FDA 21 CFR

**Special Characteristics**

High impact or impact modified, Transparent

**Applications**

Medical

**Features**

Copolymer, Random Copolymer

**Regional Availability**

Asia Pacific