

**Y-130**
**UGCC Homo Polypropylene (Yarn grade)**
**Application**
**Monofilament, yarn**

<b>Physical Properties*</b>			
<b>Physical</b>	<b>Testing methods</b>	<b>Nominal values</b>	
<b>Density (by Gradient technique)</b>	ASTM D 1505	gr/cm <sup>3</sup>	0.85-0.95
<b>Melt Flow Rate</b>	ASTM D 1238	g/10min	3-5
<b>Mechanical</b>			
<b>Tensile Strength at Yield, min.</b>	ASTM D 638	kg f/cm <sup>2</sup>	300
<b>Elongation at Break, min.</b>	ASTM D 638	%	100
<b>Flexural Modulus, min.</b>	ASTM D 790	kg f/cm <sup>2</sup>	13500
<b>Impact</b>			
<b>Notched Izod Impact Strength (23 °C), min.</b>	ASTM D 256	kg f cm/cm	3
<b>Notched Izod Impact Strength (-10 °C), min.</b>	ASTM D 256	kg f cm/cm	-
<b>Thermal</b>			
<b>Heat Distortion Temperature (4.6 kgf/cm<sup>2</sup>), min.</b>	ASTM D 648	°C	100
<b>Vicat Softening Point</b>	ASTM D 1525	°C	150

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Note: Above data are based on information provided by Licensor and it is not to be construed as specifications, the latest exact data can be obtained from Uz-Kor Gas Chemical Central Plant Laboratory