

**Homo Polypropylene (Fiber grade)  
(PP)****FR-170H****Uz-Kor Gaz Chemical, Uzbekistan****PROPERTIES**

<b>Description</b>	FR-170H is a homopolymer obtained by the polymerization of propylene. Has good anti gas-fading and weatherability.		
<b>Applications</b>	Multifilament, BCF, staple fiber.		
<b>Melt Flow Index</b> (192 °C @ 2.16)	g/10min	<b>24-27</b>	ASTM D1238
<b>Density</b>	g/cm <sup>3</sup>	<b>0.85-0.95</b>	ASTM D1505
<b>Tensile Strength at Yield</b> (min)	kgf/cm <sup>2</sup>	<b>300</b>	ASTM D638
<b>Elongation at Break</b> (min)	%	<b>100</b>	ASTM D638
<b>Flexural Modulus</b> (min)	kgf/cm <sup>2</sup>	<b>13500</b>	ASTM D790
<b>Notched Izod Impact Strength</b> (23 0C) (min)	kgf cm/cm	<b>2.5</b>	ASTM D256
<b>Notched Izod Impact Strength</b> (-10 0C) (min)	kgf cm/cm	<b>--</b>	ASTM D256
<b>Heat Distortion Temperature</b> (4.6 kgf/cm <sup>2</sup> ) (min)	°C	<b>100</b>	ASTM D648
<b>Vicat Softening Point</b>	°C	<b>150</b>	ASTM D1525

*These are typical properties: not to be construed as specification.*