

**High density polyethylene  
(HDPE)****P-Y342****Shurtan GCC, Uzbekistan****PROPERTIES**

<b>Description</b>	P-Y342 is characterized by a wide molecular weight distribution. Available in the form of granules.	
<b>Applications</b>	Base resin- pressure pipe.	
<b>Melt Flow Index</b> (192 °C @ 2.16)	g/10min	<b>0.24-0.36</b>
<b>Density</b>	g/cm <sup>3</sup>	<b>0.940-0.944</b>
<b>Number of inclusions</b> (max)	ea	<b>5</b>
<b>Mass fraction of volatile substances</b> (max)	%	<b>0.05</b>
<b>Tensile Strength</b> (Yield) (min)	MPa	<b>16</b>
<b>Stress ratio</b>		<b>1.65 - 1.75</b>
<b>Tensile Strength</b> (Break) (min)	MPa	<b>21</b>
<b>Elongation at Break</b> (min)	%	<b>750</b>
<b>Shore hardness</b>	Shore D	<b>62</b>
<b>VICAT Softening Point</b>	°C	<b>122</b>
<b>ESCR</b>	hr	<b>1000</b>
<b>Flexural modulus</b>	MPa	<b>590</b>

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