

 KOREA PETROCHEMICAL IND.CO.,LTDHDPE **P300X** print  close

Classification : HDPE Pipe grade

Attributes : Heat Resistance, Long Term Water Pressure Resistance, Flexibility

Applications : PE for Crosslinking, Hot and Cold Water Service Pipes, Floor Heating Pipes

 Documents & CertificatesSpec Sheet :  [kpic_spec_P300X_en\(1\).pdf](#)MSDS :  [kpic_msds_P300X_en\(1\).pdf](#)FDA :  [FDA Request](#) Properties

ITEM (TERM)	VALUE	UNIT	TEST METHOD
Melt Index	0.03	g/10min.	ASTM D1238
Density	0.948	g/cm ³	ASTM D1505
Water Absorption	<0.01	%	ASTM D570
Tensile Strength at Yield	250	kg _f /cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
Impact Strength (Izod with Notch)	NB	kg _f cm/cm	ASTM D256
Environment Stress Cracking Resistance	>5,000	hr.Cond.B.10%	ASTM D1693
Softening Point (Vicat)	124	°C	ASTM D1525
Brittleness Temperature	< -80	°C	ASTM D746
Crosslinking	>75	%	ISO 15875

The values given above should only be used as a guide and should not be considered as a specification or guarantee.

The values are dependent on part geometry and fabrication conditions.