

HDPE Pipe Grade
YUHWA HIDEN P600 BL
Description

- Application : Pipe
- Features : PE100, Excellent Creep Resistance, SGG, RCP, Color:Black
- Uses : Gas Pipes, Water Supply and Drain Pipes

Properties

Item	Value	Unit	Test Method
Melt Index (5kg)	0.21	g/10min.	A5TM D1238
Density	0.960	g/cm ³	A5TM D1505
Tensile Strength at Yield	240	kg/cm ²	A5TM D638
Elongation at Break	>600	%	A5TM D638
Flexural Modulus	9,500	kg/cm ²	A5TM D790
Hardness (Rockwell)	40	R Scale	A5TM D785
Impact Strength (Izod with Notch)	>50	kg _m /cm	A5TM D256
Environment Stress Cracking Resistance	>5,000	hr, F50	A5TM D1693
Melting Point	133	°C	A5TM D3418
Softening Point (Vicat)	124	°C	A5TM D1525
Oxidation Induction Time at 200°C	>60	min	A5TM D3895
Heat Deflection Temperature	65	°C	A5TM D648
Brittleness Temperature	<-70	°C	A5TM D746
Carbon Black Content	2.3	%	ISO 6964
Carbon Black dispersion	<3	Grade	ISO 18553

- Above data are intended to serve as guides only, and are not sales specification limits.
- YUHWA HIDEN P600 BL complies with FDA regulations.

Contact Info
International Trade

TEL: 82-2-3706-0840~0849 FAX: 82-2-3706-0864~0865 e-mail: trade@kpic.com

Technical Service

TEL: 82-80-010-1515, 82-2-2122-1531~1534 FAX: 82-2-2122-1519 e-mail: H15105@kpic.co.kr