

HDPE for Steel Pipe Coating

YUHWA HIDEN P603H U

**Features
and Uses**

Application	HDPE for Steel Pipe Coating
Features	Abrasion Resistance, Weatherability, UV Stability
Uses	Steel Pipe Coating

Properties

Items	Specification	Unit	Test Method
Melt Index	0.33	g/10min.	ASTM D1238
Density	0.944	g/cm ³	ASTM D1505
Water Absorption	<0.01	%	ASTM D570
Tensile Strength at Yield	200	kgf/cm ²	ASTM D638
Elongation at Break	>600	%	ASTM D638
Flexural Modulus	7,000	kgf/cm ²	ASTM D790
Hardness	58	Shore D	ASTM D2240
Impact Strength (Izod width Notch)	>50	kgf cm/cm	ASTM D256
Environment Stress Cracking Resistance	>5,000	hr. Cond. B. 100%	ASTM D1693
Melting Point	128	°C	ASTM D3418
Softening Point (Vicat)	121	°C	ASTM D1525
Heat Deflection Temperature	58	°C	ASTM D648
Brittleness Temperature	<-70	°C	ASTM D746

※ Above data are intended to serve as guides only, and are not sales specification limits.

**Contact
Info.**

Division	Team in charge	TEL	FAX	e-mail
International Trade	KPICC	82-2-3706-0844, 0849	82-2-3706-0893, 0894	trade@kpicc.com
Technical Service	Marketing Support Team	82-2-2122-1537	82-2-2122-1519	H15106@kpic.co.kr