

HDPE for Steel Pipe Coating

YUHWA HIDDEN P601 HUBL

Features
and Uses

Properties

Application	HDPE for Steel Pipe Coating		
Features	Abrasion Resistance, Weatherability, UV Stability, Color:Black		
Uses	Steel Pipe Coating		
Items	Specification	Unit	Test Method
Melt Index	0.33	g/10min.	ASTM D1238
Density	0.954	g/cm ³	ASTM D1505
Tensile Strength at Yield	210	kgf/cm ²	ASTM D638
Elongation at Break	>600	%	ASTM D638
Flexural Modulus	7,700	kgf/cm ²	ASTM D790
Hardness	62	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	129	°C	ASTM D3418
Softening Point (Vicat)	122	°C	ASTM D1525
Heat Deflection Temperature	58	°C	ASTM D648
Brittleness Temperature	<-70	°C	ASTM D746
Carbon Black Content	2.3	%	ISO 6964
Carbon Black Dispersion	<3	Grade	ISO 18553