

HDPE for Steel Pipe Coating

YUHWA HIDEN P603H U

Features
and Uses

Properties

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