

HDPE for Film

YUHWA HIDDEN F600M

Features
and Uses

Properties

Application	HDPE for Film			
Features	High Stiffness, High Tear Strength, Weatherability			
Uses	Agricultural Uses			
	Items	Specification	Unit	Test Method
	Melt Index	0.035	g/10min.	ASTM D1238
	Density	0.957	g/cm ³	ASTM D1505
	Mold Shrinkage	1.5~2.5	%	KPIC Method
	Water Absorption	<0.01	%	ASTM D570
	Tensile Strength at Yield	400	kgf/cm ²	ASTM D638
	Elongation at Break	>500	%	ASTM D638
	Flexural Modulus	10,000	kgf/cm ²	ASTM D790
	Hardness (Rockwell)	47	R Scale	ASTM D785
	Impact Strength (Izod with Notch)	>50	kgf cm/cm	ASTM D256
	Environment Stress Cracking Resistance	>1,000	hr. Cond. B. 10%	ASTM D1693
	Melting Point	134	°C	ASTM D3418
	Softening Point (Vicat)	123	°C	ASTM D1525
	Heat Deflection Temperature	62	°C	ASTM D648
	Brittleness Temperature	<-70	°C	ASTM D746