



HDPE for Film

YUHWA HIDEN F600

Features
and Uses

Properties

Application	HDPE for Film			
Features	High Stiffness, High Tear Strength			
Uses	Shopping Bags, General Purpose, Industrial Uses			
Items		Specification	Unit	Test Method
Melt Index		0.035	g/10min.	ASTM D1238
Density		0.957	g/cm³	ASTM D1505
Mold Shrinkage		1.5~2.5	%	KPIC Method
Water Absorption		<0.01	%	ASTM D570
Tensile Strength at Yield		400	kgf/cm²	ASTM D638
Elongation at Break		>500	%	ASTM D638
Flexural Modulus		10,000	kgf/cm²	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	℃	ASTM D3418
Softening Point (Vicat)		123	℃	ASTM D1525
Heat Deflection Temperature		62	℃	ASTM D648
Brittleness Temperature		<-70	℃	ASTM D746