

# HDPE 8800

YUZEX 8800 provides stronger film than ones made from competitive HDPE film grades and this grade is bimodal type resin. Therefore ``YUZEX`` 8800 shows superior stability in film extrusion to that of competitive HDPE film resins and gives excellent appearance to its film. YUZEX 8800 has ultra high molecular weight polymer and this make excellent mechanical properties compared with competitive HDPE film grades.

## Application / Use Case

Film / agriculture, industrial, shopping bags, trash bags

## Characteristic

Tearing strength, Impact strength

## Specification

	Specification	Unit	Test Method
Density	0.956	g/cm <sup>3</sup>	ASTM D1505
Melt Index	0.048	g/10min	ASTM D1238

## Physical Properties

	Value	Unit	Test Method
Softening Point(Vicat)	124	°C	ASTM D 1525
Tensile Strength at Yield	230	kg/cm <sup>2</sup>	ASTM D638
Tensile Strength at Break	300	kg/cm <sup>2</sup>	ASTM D638
Elongation at Break	>500	%	ASTM D638
IZOD Impact Strength(Notched, 23°C)	NB	kg cm/cm	ASTM D256
Flexural Modulus	10000	kg/cm <sup>2</sup>	ASTM D790
ESCR	>600	hr	ASTM D1693

These are typical properties only, and are not to be construed as specific limits.