

Producer: SK Global Chemical / KOREA

HDPE SK8800

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 ³	ASTM D1505
Melt Index	0.048	g/10min	ASTM D1238

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

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