

YUZEX® 8800U

High Density Polyethylene

SK Global Chemical

Message:

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

General Information			
Features	Good UV Resistance		
	Pleasing Surface Appearance		
	Ultra High Molecular Weight		
Uses	Film		
Physical	Nominal Value	Unit	Test Method
Density	0.956	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.040	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance	> 600	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	22.6	MPa	
Break	29.4	MPa	
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	981	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	124	°C	ASTM D1525

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Recommended distributors for this material

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